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AGARD

ADVISORY GROUP FOR AEROSPACE RESEARCH & DEVELOPMENT

7 RUE ANCELLE 92200 NEUILLY SUR SEINE FRANCE

**Calendar of Selected
Aeronautical & Space Meetings**

**Calendrier des Manifestations
Aéronautiques et Spatiales (Sélection)**

**JULY 1989 ONWARDS
JUILLET 1989 ET AU DELA**

DISTRIBUTION STATEMENT A

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NORTH ATLANTIC TREATY ORGANIZATION



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**ORGANISATION DU TRAITE DE L'ATLANTIQUE NORD
NORTH ATLANTIC TREATY ORGANIZATION**

**GROUPE CONSULTATIF POUR LA RECHERCHE
ET LES REALISATIONS AEROSPATIALES
ADVISORY GROUP FOR AEROSPACE RESEARCH & DEVELOPMENT**

**CALENDRIER DES MANIFESTATIONS
AERONAUTIQUES ET SPATIALES (SELECTION)**

**CALENDAR OF SELECTED AERONAUTICAL
AND SPACE MEETINGS**

CAL-89/2

**JUILLET 1989 ET AU DELA
JULY 1989 ONWARDS**

Edité par: AGARD, 7 rue Ancelle, Neuilly-sur-Seine, France
Published by:

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Published June 1989

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ISBN 92-835-0520-4



*Set and Printed by Specialised Printing Services Limited
40 Chigwell Lane, Loughton, Essex IG10 3TZ*

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Edité en juin 1989

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PREFACE

The purpose of this AGARD publication is to assist members of the Aeronautical and Space Community by :

- Informing them about many International Scientific and Technical Meetings scheduled;
- Avoiding the need for them to consult several sources in order to find out what meetings have been planned, their dates and locations.

The AGARD Calendar is published every six months, in June and December of each year.

Details concerning the meetings listed in this particular issue of the Calendar have been obtained from National and International Organizations which sponsor Aeronautical and Space Meetings and from other sources (journals, periodicals, etc.).

Although care has been taken to ensure that information appearing in the booklet is correct, AGARD cannot be held responsible for an inaccurate entry or omission.

AGARD will be pleased to receive any information about future Aeronautical and Space Meetings for inclusion in the next issue, at least two months in advance of publication. Also, comments regarding the usefulness and suggestions for improvement of this publication would be welcome. Contributions should be sent to :

Scientific Publications Executive
AGARD
7, rue Ancelle, 92200 Neuilly-sur-Seine, France

or, for North American residents, to :

APO, New York, N.Y. 09777

(Remember to send full information, suitable for inclusion under the various column headings which appear in Part 2 of the Calendar by using the Meeting Forms printed on the last pages of this issue).

PREFACE

L'objet de cette publication de l'AGARD est de venir en aide aux membres de la Communauté aéronautique et spatiale :

- En les informant de nombreuses manifestations internationales prévues dans les domaines scientifique et technique ;
- En leur évitant l'obligation de consulter différentes sources pour déterminer les réunions qui ont été programmées, leurs dates et leur emplacement.

Le Calendrier de l'AGARD est publié tous les six mois, en juin et en décembre de chaque année.

Les renseignements concernant les manifestations mentionnées dans la présente édition du Calendrier ont été fournis par les organismes nationaux et internationaux patronnant des réunions aérospatiales ainsi que par d'autres sources (revues, périodiques, etc.).

Bien qu'il ait pris soin de vérifier la correction des informations figurant dans cette brochure, l'AGARD ne peut être tenu pour responsable d'une inexactitude ou omission éventuelle.

L'AGARD recevra avec plaisir toutes informations relatives à de futures manifestations aérospatiales destinées à être incluses dans la prochaine édition, à condition que cet envoi soit fait au moins deux mois avant la date de publication. De même, les commentaires concernant l'utilité de cette publication et les suggestions pour son amélioration seront les bienvenus. Ces contributions seront adressées à l' :

Officier chargé des Publications Scientifiques
AGARD
7, rue Ancelle, 92200 Neuilly-sur-Seine, France

ou, pour les lecteurs résidant en Amérique du Nord, à :

APO, New York, N.Y. 09777

(Prière d'envoyer des renseignements complets, susceptibles d'être inclus dans les différentes colonnes des tableaux du chapitre 2 de ce Calendrier, en se servant des fiches placées à cet effet in fine).

INSTRUCTIONS FOR USE

Three kinds of events are covered by this calendar :

- Technical Meetings, Conferences, and Symposia, held in all parts of the world, in the field of *Aerospace Research and Development* as well as in other directly related scientific fields, such as Energy, Geophysics, and Acoustics. These meetings are listed in chronological order under ten Topics (see Part 1).

(Note that meetings of relevance to more than one of the topics 01 to 09 are included in topic 10. Thus topic 10 should always be scanned in addition to those of specific interest.)

- Exhibitions and Technical displays covering the same fields of interest (Topic 11).
- Educational Courses, short or long, given by certain specialized institutions (Topic 12).

For each Meeting, Exhibition, or Course, the following information is given, where known:

Reference number

Date

Location (see Country Code in Part 4)

Title and Sponsor

Keywords indicating main topics covered (Part 3)

Contact code for inquiries (see Listing of Organizations in Part 5)

* following the code letters indicates that attendance at the meeting is strictly by invitation.

x in the left-hand margin indicates a new entry.

xx in the left-hand margin indicates a new entry subject to confirmation.

A Subject Index in the form of keywords is given in Part 3, each keyword being followed by the reference numbers of all the meetings relevant to that particular keyword. (For example : "Aeroelasticity 06-23" means that the 23rd meeting listed under Topic 06 "Thermodynamics, Combustion, Propulsion and Energetics" deals with Aeroelasticity).

NOTE AGARD *cannot undertake to handle inquiries* from readers concerning the various meetings. These should always be addressed to the contact listed in the last column of each entry.

MODE D'EMPLOI

Trois types de manifestations sont couvertes par ce calendrier :

- Les congrès techniques, conférences et symposiums organisés partout dans le monde dans le domaine de la *Recherche et du Développement Aérospatiaux*, ainsi que dans d'autres domaines scientifiques directement connexes, tels que l'Energie, la Géophysique et l'Acoustique. Ces réunions sont réparties dans l'ordre chronologique en dix rubriques de thèmes (voir Ch. 1).

(Veuillez noter que les manifestations dont le programme couvre plusieurs thèmes parmi ceux qui sont indiqués ci-dessus de 01 à 09, sont regroupés sous la rubrique 10 (Thèmes Généraux). Par conséquent, le lecteur devrait toujours consulter la rubrique 10, en plus de celles qui représentent un intérêt particulier pour lui.)

- Les salons et expositions techniques ressortissant aux mêmes domaines d'intérêt (rubrique 11).
- Les cours de formation, de brève ou longue durée, donnés par certaines institutions spécialisées (rubrique 12).

Pour chaque congrès, salon ou cours sont fournis les renseignements ci-après, s'ils sont connus:

Numéro de référence

Dates

Emplacement (voir le Code des pays Ch. 4)

Organisme responsable et titre

Mots-clés identifiant les principaux thèmes concernés (Ch. 3).

Code des organismes à contacter pour tout renseignement (voir la liste Ch. 5)

Le symbole * suivant les lettres du code indique que l'assistance au congrès concerné ne peut se faire strictement que sur invitation.

Le symbole x dans la marge gauche des tableaux indique une nouvelle entrée.

Le symbole xx dans la marge gauche des tableaux indique une nouvelle entrée sujette à confirmation.

Un index de sujets présentés sous forme de mots-clés est donné au chapitre 3, chaque mot-clé étant suivi des numéros de référence de toutes les manifestations ayant trait à ce sujet particulier. (Ainsi par exemple « Aeroelasticity 06-23 » signifie que le 23ème congrès figurant dans la rubrique 06 « Thermodynamique, Combustion, Propulsion et Energétique » traite d'Aéro-élasticité).

NOTA l'AGARD ne peut se charger de satisfaire les demandes d'information des lecteurs concernant les différentes manifestations signalées. Il conviendra toujours de contacter l'organisme indiqué dans la dernière colonne de chaque entrée.

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CHAPITRE 1

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PART 2 – CHAPITRE 2
CALENDAR OF SELECTED AERONAUTICAL AND SPACE MEETINGS
CALENDRIER DES MANIFESTATIONS AERONAUTIQUES ET SPATIALES (SELECTION)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
			<div style="border: 1px solid black; padding: 5px; text-align: center;"> 01 – AEROSPACE MEDICINE AND BIOLOGY </div>		
01-01	9–15 July	Helsinki (FI)	Year 1989 ICSU 31st International Congress of Physiological Sciences	Aviation medicine Space medicine Physiology Flight crews Flight fitness	ICSU
01-02	23–27 July	Memphis, Tennessee (US)	AAPM 31st Annual Meeting of the American Association of Physicists in Medicine	Radiography Space medicine Aviation medicine Physiology Ultrasonics	AAPM
01-03	24–26 July	San Diego, California (US)	SAE – AIAA – ASMA – ASME Intersociety Conference on Environmental Systems	Aircraft systems Spacecraft systems Environmental control Life support systems Systems engineering	SAE AIAA

x	01-04	3 August	Seattle, Washington (US)	AIAA Professional Study Seminar on Introduction to Man-Machine Design Considerations in Crew Station Development	Human factors Spacecraft systems Systems engineering Aircraft systems Display devices	AIAA
x	01-05	29 September— 3 October	Tashkent (SU)	IAA 8th Man in Space Symposium	Space medicine Flight crews Space operations Flight simulators Space environment	IAA
	01-06	2—6 October	Copenhagen (DA)	AGARD/AMP 68th Panel Meeting and Symposium on Situational Awareness in Aerospace Operations	Aviation medicine Air operations Flight crews Flight fitness Display devices	AGARD*
	01-07	16—20 October	Beijing (CN)	IFIP 6th World Congress on Medical Informatics	Aviation medicine Space medicine Data processing Image processing Electronic computers	IFIP
x	01-08	19 October	Toulouse (FR)	CNES-SITEF L'Espace: Facteur de Progrès pour la Medecine de Demain?	Space medicine Aviation medicine Space environment Physiology	CNES
x	01-09	8—11 November	Seattle, Washington (US)	IEEE(EMB) Engineering in Medicine and Biology Society 11th Annual Conference	Space medicine Aviation medicine Biology Engineering design	IEEE

01 - AEROSPACE MEDICINE AND BIOLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
01-10	6-10 May	San Diego, California (US)	Year 1990 ASMA 61st Annual Scientific Meeting	Aviation medicine Space medicine Biology Physiology Human factors	ASMA
01-11	10 May	Düsseldorf (GE)	VDE Medizintechnik '90	Aviation medicine Space medicine Electronic systems Electronic measurements Measurement techniques	VDE
01-12	July	Seattle, Washington (US)	AIAA-SAE 20th Intersociety Conference on Environmental Systems	Aircraft systems Spacecraft systems Environmental control Life support systems Systems engineering	AIAA SAE
01-13	8-10 July	San Francisco, California (US)	Year 1991 SAE-AIAA-ASMA-ASME Intersociety Conference on Environmental Systems	Aircraft systems Spacecraft systems Environmental control Life support systems Systems engineering	SAE AIAA

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WFUMB

Aviation medicine
Space medicine
Biology
Ultrasonics

WFUMB 6th World Congress on Ultrasound in
Medicine and Biology

Copenhagen (DA)

2-6 September

01-14

02 — ELECTRONICS, OPTICS AND METROLOGY

No.	Date	Location	Organization and Title	Key Words	Contact
			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 02 — ELECTRONICS, OPTICS AND METROLOGY </div>		
			Year 1989		
02-01	5—8 July	Beijing (CN)	SPIE International Conference on Optoelectronic Science and Engineering	Electro-optics Image processing Optical communications Optical systems	SPIE
02-02	9—15 July	Berkeley, California (US)	DOE — UCB — APS — AVS — IEEE (NPS) International Conference on Ion Sources	Ion beams Plasmas Surface treatment Plating Protective coatings	DOE UCB
02-03	10—14 July	Vancouver, B.C. (CA)	IEEE (GRS)—URSI Geoscience and Remote Sensing International Symposium	Geophysics Earth resources survey Remote sensing Observation satellites Electronic systems	IEEE URSI
02-04	11—14 July	Dublin (EI)	IEEE (ED) 6th International Conference on Numerical Analysis of Semiconductor Devices and Integrated Circuits	Semiconductors Solid state devices Numerical analysis Integrated circuits Electronic systems	IEEE

x

x

02-05	12-14 July	Beijing (CN)	IEEE (LEO) — OSA Topical Meeting on Solid State Lasers	Stimulated emission devices Lasers Electro-optics Solid state devices Semiconductors	OSA IEEE
x	02-06	17-19 July	London (UK)	Radio communications Satellite communications Avionics Aircraft systems Military aircraft	ONLINE
x	02-07	17-21 July	San Diego, California (US)	Signal processing Microwaves Image processing Electromagnetic propagation	SIAM
02-08	18-21 July	Kobe (JA)	IEEE (LEO) — OSA 7th International Conference on Integrated Optics and Optical Fiber Communications	Optical systems Optical communications Electro-optics Fibre optics Lasers	IEEE OSA
02-09	24-26 July	Tokyo (JA)	IEEE (LEO) — OSA 2nd Micro-optics Conference and 8th Topical Meeting on Gradient-Index Optical Imaging Systems	Optical systems Optical properties Optical communications Image processing Glass	OSA IEEE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-10	24—26 July	Bath (UK)	Year 1989 IOP—IEE—IEEE 2nd International Conference on Vacuum Microelectronics	Electronic systems Vacuum systems Electron beams Solid state devices Fabrication processes	IOP IEE IEEE
x 02-11	24—29 July	Sao Paulo (BR)	BMS International Symposium on Microwaves	Microwaves Radio communications Satellite communications Electromagnetic propagation Data transmission	BMS
02-12	6—11 August	San Diego, California (US)	SPIE 33rd International Technical Symposium on Optical and Opto-electronic Applied Sciences and Engineering	Optical systems Electro-optics Image processing Photography Radiography	SPIE
x 02-13	7—8 August	Burlington, Vermont (US)	IEEE (ED) Workshop on Low Temperature Semiconductor Electronics	Semiconductors Electronic systems Superconductivity Space environment Solid state devices	IEEE

x	02-14	7-9 August	Ithaca, New York (US)	IEEE (ED) Conference on Advanced Concepts in High-Speed Semiconductor Devices and Circuits	Semiconductors Integrated circuits Electronic systems Research and development Solid state devices	IEEE
x	02-15	14-15 August	Champaign, Illinois (US)	IEEE (CAS) 32nd Midwest Symposium on Circuits and Systems	Electronic systems Integrated circuits Solid state devices Logic circuits Analog circuits	IEEE
x	02-16	14-17 August	Stockholm (SW)	URSI International Symposium on Electromagnetic Theory	Electromagnetic propagation Electromagnetic spectra Electromagnetism Research and development Radio communications Microwaves	URSI
	02-17	16-18 August	Philadelphia, Pennsylvania (US)	AFCEA 4th Annual Symposium on Armed Forces Communications and Electronics	Military aircraft Tactical warfare Strategic warfare Avionics Satellite communications Radio communications	AFCEA
	02-18	16-18 August	Munich (GE)	IFIP - VDE Conference on VLSI '89	Electronic systems Electronic computers Solid state devices Integrated circuits Fabrication processes	IFIP VDE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-19	22-25 August	Tokyo (JA)	Year 1989 IECEJ International Symposium on Antennas and Propagation	Electronic systems Radio communications Antennas Electromagnetic propagation Ionosphere	IECEJ
02-20	29 August-1 September	Shanghai (CN)	ASC 2nd International Symposium on Antennas and Electromagnetic Theory	Antennas Electromagnetic propagation Radio communications Ionosphere Electronic systems	ASC
02-21	30 August-1 September	Jouy en Josas (FR)	CNES-SFO Horizons de L'Optique 1989	Optical systems Optical communications Optical properties Image processing	CNES
02-22	4-7 September	London (UK)	VDE 19th Microwave Conference	Microwaves Radio communications Electromagnetic propagation Electronic systems	VDE

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x	02-23	4-8 September	Beijing (CN)	URSI-IEEE 2nd International Symposium on Recent Advances in Microwave Technology	Microwaves Airborne radars Ground radars Antennas Engineering design	URSI IEEE
x	02-24	4-8 September	London (UK)	IEE-IEEE-URSI 19th European Conference on Microwaves	Microwaves Airborne radars Ground radars Antennas Remote sensing	IEE IEEE URSI
	02-25	5-8 September	Boston, Massachusetts (US)	SPIE International Symposium and Exhibition on Optoelectronic and Fiber Optic Devices and Applications	Electro-optics Fibre optics Lasers Optical communications Satellite communications	SPIE
	02-26	5-8 September	Brighton (UK)	IEE-IEEE 9th European Conference on Circuit Theory and Design	Electronic systems Electronic computers Logic circuits Analog circuits Integrated circuits Digital systems	IEE IEEE
x	02-27	5-8 September	Singapore (SG)	IEEE(C) International Conference on Image Processing	Image processing Electro-optics Optical systems Electronic computers Data processing	IEEE

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-28	6-8 September	Monterey, California (US)	Year 1989 IEEE (ASSP) 6th Workshop on Multi-Dimensional Signal Processing	Signal processing Data transmission Electronic systems Radio communications	IEEE
02-29	8-10 September	Nagoya (JA)	TUT-IEEE International Symposium on Electromagnetic Compatibility	Electronic systems Avionics Electromagnetic compatibility Electromagnetic propagation Radio frequency interference	TUT IEEE
x 02-30	10-14 September	Waikoloa, Hawaii (US)	IEEE (COM) Symposium on Integrated Services Digital Networks	Digital systems Data transmission Network analysis Electronic computers Electronic systems	IEEE
x 02-31	11-14 September	La Londe des Maures (FR)	URSI-CNES Symposium sur La Propagation des Ondes, Télédetection, Télécommunications	Electromagnetic propagation Remote sensing Radio communications Satellite communications Observation satellites	URSI CNES

x	02-32	11-14 September	Berlin (GE)	VDE 19th European Conference on Solid State Devices Research	Solid state devices Semiconductors Integrated circuits Electronic systems Research and development	VDE
x	02-33	11-15 September	Oberpfaffenhofen (GE)	CCG Geometrische Korrektur von Satellitenbildern — Geocodierung	Remote sensing Image processing Data processing Electronic computers	CCG
x	02-34	11-15 September	Goteborg (SW)	VDE 15th European Conference on Optical Communication	Optical communications Electro-optics Optical systems Fibre optics Lasers	VDE
x	02-35	11-16 September	London (UK)	IEEE 14th Annual Conference on Infrared and Millimeter Waves	Infrared radiation Electromagnetic propagation Remote sensing Electromagnetic spectra	IEEE
x	02-36	12-14 September	Aachen (GE)	DFVLR 15th International Symposium on Aircraft Integrated Monitoring Systems (AIMS)	Aircraft systems Avionics Data evaluation Reliability Data processing Failure analysis	DFVLR

02 -- ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-37	12-15 September	Turin (IT)	Year 1989 IEEE-CNR-Aeritalia International Conference on Electromagnetics in Aerospace Applications	Electromagnetic propagation Microwaves Antennas Infrared radiation Measurement techniques	IEEE
x 02-38	17-22 September	Yokohama (JA)	TU International Conference on The Science and Technology of Defect Control in Semiconductors	Semiconductors Fabrication processes Research and development Crystal growth Electronic systems	TU
x 02-39	17-22 September	Cambridge, Massachusetts (US)	SPIE Cambridge Symposium on Optics and Optical Engineering	Optical systems Optical communications Optical properties Engineering design Image processing	SPIE
02-40	17-22 September	Cleveland, Ohio (US)	ASPRS - ACSM Fall Technical Meeting	Aerial photography Earth resources survey Remote sensing Mapping Electronic systems	ASPRS ACSM

x	02-41	18-20 September	Chicago, Illinois (US)	IEEE (CHMT) 35th Conference on Electrical Contacts	Electrical systems Electronic systems Electric contacts Reliability Ground testing	IEEE
	02-42	18-20 September	Santa Barbara, California (US)	SPIE 18th International Symposium on Acoustical Imaging	Optical systems Image processing Display devices Acoustic propagation Voice communication	SPIE
	02-43	18-20 September	Erlangen (GE)	VDE International Symposium on Signals, Systems and Electronics	Electronic systems Radio communications Electromagnetic propagation Hardware Systems engineering	VDE
x	02-44	18-20 September	Garmisch-Partenkirchen (GE)	IEEE (CHMT) - NBS 8th VLSI Packaging Workshop	Integrated circuits Solid state devices Electronic systems Semiconductors Fabrication processes	IEEE NBS
	02-45	18-22 September	Keeble (UK)	IOP 9th Conference on Quantum Electronics	Quantum mechanics Electronic systems Stimulated emission devices Lasers Electro-optics	IOP

02 -- ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-46	20-22 September	Vienna (AU)	Year 1989 VDE 15th European Conference on Solid-State Circuits	Solid state devices Integrated circuits Electronic systems Semiconductors Engineering design	VDE
x 02-47	22-25 September	Tokyo (JA)	GU 3rd International Symposium on Defect Recognition and Image Processing for Research and Development of Semiconductors	Semiconductors Image processing Research and development Fabrication processes	GU
x 02-48	25-27 September	York (UK)	ERA International Conference on Lightning and Static Electricity	Aircraft systems Spacecraft systems Avionics Lightning protection Static electricity	ERA
x 02-49	25-27 September	Canterbury (UK)	IOP Conference on Sensors and their Applications	Electro-optics Measurement techniques Sensors Remote sensing Automatic control	IOP

02-50	25-28 September	Philadelphia, Pennsylvania (US)	IEEE (AES - IM) - AIAA Conference on Automatic Support Systems for Advanced Maintainability	Electronic systems Electronic measurements Automatic test equipment Reliability Maintainability	IEEE AIAA
x	02-51	25-29 September	Karuizawa (JA)	UOT 16th International Symposium on Gallium Arsenide and Related Compounds	UOT
x	02-52	25-29 September	Paris (FR)	BIRP-ACM PIXIM-89 (L'Image Numerique à Paris)	BIRP ACM
x	02-53	2-4 October	Dortmund (GE)	VDE Fernsehsysteme Erhöhter Bildqualität Gemeinschaftsveranstaltung	VDE
x	02-54	2-6 October	Wurzburg (GE)	SPIE 14th International Conference on Infrared and Millimeter Waves	SPIE
x	02-55	5-6 October	Aachen (GE)	VDE Neue Fertigungstechnologien für Elektromechanische und Electrooptische Geräte und Systeme Fachtagung	VDE

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-56	8-13 October	Santa Clara, California (US)	Year 1989 SPIE Symposium on Microelectronic Integrated Processing: Growth, Monitoring and Control	Electronic systems Integrated circuits Fabrication processes Lasers Superconductivity	SPIE
02-57	9-14 October	Dusseldorf (GE)	NOWEA - VDE 11th International Congress and Exhibition on Mess- und Automatisierungstechnik (INTERKAMA) with Conference on Durchflussmessung	Fluid mechanics Fluid systems Turbulent flow Laminar flow Measurement techniques Electronic measurements	NOWEA VDE
x 02-58	10-12 October	London (UK)	ONLINE Image Processing Exhibition and Conference	Image processing Electro-optics Display devices Electronic computers	ONLINE
x 02-59	15-18 October	Boston, Massachusetts (US)	IEEE (COM) Military Communications Conference	Radio communications Satellite communications Optical communications Tactical warfare Strategic warfare	IEEE

02-60	15-20 October	Orlando, Florida (US)	OSA Annual Meeting on Optics	Optical systems Electro-optics Lasers Image processing Sensors	OSA
x					
02-61	17-19 October	London (UK)	ONLINE Electronic Displays Exhibition and Conference	Display devices Electronic systems Liquid crystals Electro-optics	ONLINE
02-62	19-20 October	Ankara (TU)	AGARD/EPP Lecture Series No.165 on Modern Antenna Design Using Computers and Measurement, and Application to Antenna Problems of Military Interest	Electronic systems Radio communications Antennas Computer aided design Electronic warfare	AGARD*
02-63	22-25 October	San Diego, California (US)	IEEE (ED - MTT) Symposium on GaAs Integrated Circuits	Electronic systems Solid state devices Semiconductors Integrated circuits Microwaves	IEEE
x					
02-64	22-26 October	Beijing (CN)	UCB International Conference on Semiconductor and Integrated Circuit Technology	Semiconductors Solid state devices Integrated circuits Engineering design Electronic systems	UCB
02-65	22-27 October	Philadelphia, Pennsylvania (US)	ISA International Conference and Exhibition on Instrumentation	Aerospace industry Ground testing Flight testing Measurement techniques Instruments	ISA

02 -- ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-66	23--24 October	Lisbon (PO)	Year 1989 AGARD/EPP Lecture Series No.165 on Modern Antenna Design Using Computers and Measurement, and Application to Antenna Problems of Military Interest	Electronic systems Radio communications Antennas Computer aided design Electronic warfare	AGARD*
02-67	23--25 October	Tampa, Florida (US)	IEEE (C) International Workshop on Defect and Fault Tolerance in VLSI Systems	Integrated circuits Solid state devices Electronic computers Reliability Failure analysis	IEEE
02-68	26--27 October	London (UK)	AGARD/EPP Lecture Series No.165 on Modern Antenna Design Using Computers and Measurement, and Application to Antenna Problems of Military Interest	Electronic systems Radio communications Antennas Computer aided design Electronic warfare	AGARD*
02-69	November	München (GE)	VDE Halbleiterfertigung Anlässlich der Productronik '89	Semiconductors Fabrication processes Electronic systems Integrated circuits	VDE

xx	02-70	November	Geneva (CH)	OMM CBS Working Group on the GTS — Study Group on Communication Techniques and Protocols	Radio communications Data transmission Satellite communications Electronic systems Electromagnetic propagation	OMM
xx	02-71	November	Geneva (CH)	OMM Expert Meeting on Satellite-Based Communications Systems for the GTS	Satellite communications Radio communications Data transmission Electronic systems Electromagnetic propagation	OMM
x	02-72	7—10 November	Singapore (SG)	IEEE 2nd International Symposium on the Physical and Failure Analysis of Integrated Circuits	Integrated circuits Solid state devices Electronic systems Failure analysis	IEEE
x	02-73	8 November	München (GE)	VDE Maskentechnik für Mikroelektronik-Bausteine Fachtagung	Electronic systems Integrated circuits Solid state devices Fabrication processes	VDE
x	02-74	13—17 November	Oberpfaffenhofen (GE)	CCG Fernerkundung mit Methoden der Digitalen Bildverarbeitung	Remote sensing Image processing Digital processing Computer graphics	CCG
	02-75	14—16 November	Kyoto (JA)	VDE — IECEJ International Symposium on Noise and Clutter Rejection in Radars and Imaging Sensors	Electronic systems Ground radars Airborne radars Image processing Sensors	VDE IECEJ

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-76	14-17 November	Oberpfaffenhofen (GE)	<p>Year 1989</p> <p>CCG Lehrgang uber Elektro-Optik: Radar/Laser/FLIR</p>	<p>Electro-optics</p> <p>Ground radars</p> <p>Airborne radars</p> <p>Lasers</p> <p>Infrared radiation</p>	CCG
02-77	27-30 November	Dallas, Texas (US)	IEEE (COM) Global Telecommunications Conference	<p>Radio communications</p> <p>Satellite communications</p> <p>Optical communications</p> <p>Data transmission</p> <p>Television</p>	IEEE
02-78	28-30 November	Munich (GE)	VDE European Conference on Satellite Communications	<p>Satellite communications</p> <p>Data transmission</p> <p>Radio communications</p> <p>Optical communications</p> <p>Television</p>	VDE
02-79	30 November-1 December	London (UK)	ONLINE Conference on European Satellite Communications	<p>Radio communications</p> <p>Satellite communications</p> <p>Electromagnetic propagation</p> <p>Data transmission</p>	ONLINE

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02-80	3-6 December	Washington, D.C. (US)	IEEE (ED) International Meeting on Electron Devices	Electronic systems Electronic measurements Electron microscopy Electron beams Instruments	IEEE
x 02-81	4-7 December	Oberpfaffenhofen (GE)	CCG Praktische Anwendungen der Digitalen Bildverarbeitung	Image processing Digital systems Data processing Electronic computers Computer graphics	CCG
x 02-82	6-9 December	Fort Lauderdale, Florida (US)	IEEE (ED) 20th Annual Semiconductor Interfaces Specialist Conference	Semiconductors Solid state devices Integrated circuits Electronic systems Interfaces	IEEE
x 02-83	20-22 December	Warwick (UK)	IOP Annual Solid State Physics Conference	Solid state devices Lasers Integrated circuits Electronic systems Stimulated emission devices	IOP
02-84	22-26 January	San Francisco, California (US)	Year 1990 IEEE (LEO) - OSA Conference on Optical Fiber Communication	Optical systems Optical communication Fibre optics Electro-optics Lasers	IEEE OSA

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-85	30 January— 1 February	Los Angeles, California (US)	IEEE (R) — ASME — AIAA Reliability and Maintainability Symposium Year 1990	Aircraft Spacecraft Reliability Maintainability Engineering design	IEEE ASME
02-86	13—15 February	Incline Village, California (US)	OSA Optical Remote Sensing of the Atmosphere	Remote sensing Optical systems Earth atmosphere Measurement techniques Data transmission	OSA
02-87	14—16 February	San Francisco, California (US)	IEEE (SSC) International Solid State Circuits Conference	Solid state devices Integrated circuits Semiconductors Electronic systems	IEEE
02-88	25 February— 2 March	Santa Clara, California (US)	SPSE — SPIE Symposium and Exhibition on Electronic Imaging: Advanced Devices and Systems	Image processing Electronic systems Electro-optics Display devices	SPSE SPIE
02-89	March	San Diego, California (US)	AIAA 13th International Communications Satellite Systems Conference	Satellite communications Radio communications Data transmission Spacecraft systems Avionics	AIAA

x	02-90	12-16 March	The Hague (NL)	EPS-EUROPTICA-SPIE International Congress on Optical Science and Engineering	Optical systems Lasers Fibre optics Measurement techniques Electro-optics	EPS EUROPTICA SPIE
	02-91	18-24 March	Denver, Colorado (US)	ASPRS - ACSM Annual Meeting	Aerial photography Earth resources survey Remote sensing Mapping Electronic systems	ASPRS ACSM
	02-92	26-29 March	New Orleans, Louisiana (US)	IEEE (ED - R) International Reliability Physics Symposium	Electronic systems Electrical systems Solid state devices Reliability	IEEE
	02-93	9-12 April	Bournemouth (UK)	IEE International Conference on Automated Test and Diagnosis	Electronic systems Automatic test equipment Human factors Computer graphics Electronic computers	IEE
	02-94	15-19 April	Atlanta, Georgia (US)	IEEE (COM) International Conference on Communications	Radio communications Satellite communications Avionics Remote sensing Electromagnetic propagation	IEEE

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-95	23-24 April	Karlsruhe (GE)	Year 1990 VDE Leiterplatte '90 Fachtagung	Integrated circuits Electronic systems Engineering design Fabrication processes	VDE
02-96	25-27 April	Schwäbisch-Gmünd (GE)	VDE Heterostruktur-Bauelemente Fachtagung	Integrated circuits Electronic systems Materials Fabrication processes Engineering design	VDE
02-97	29 April-3 May	New Orleans, Louisiana (US)	IEEE (CAS) International Symposium on Circuits and Systems	Integrated circuits Electronic systems Electrical systems Electronic computers	IEEE
02-98	7-10 May	Arlington, Virginia (US)	IEEE International Radar Conference	Ground radars Airborne radars Microwaves Detection Avionics	IEEE
02-99	14-18 May	Rochester, New York (US)	IEEE (ED) Custom Integrated Circuits Conference	Integrated circuits Electronic systems Solid state devices Engineering design	IEEE

x	02-100	16-18 May	Hyannis, Massachusetts (US)	URSI Symposium on Signature Problems in Microwave Remote Sensing of the Surface of the Earth	Remote sensing Electromagnetic propagation Earth resources survey Microwaves Data evaluation	URSI
	02-101	20-23 May	Las Vegas, Nevada (US)	IEEE (CHMT) Electronic Components Conference	Electronic systems Solid state devices Electronic computers Electro-optics Integrated circuits	IEEE
x	02-102	20-24 May	College Park, Maryland (US)	IEEE (GRS) - URSI International Geoscience and Remote Sensing Society Meeting	Remote sensing Geophysics Earth resources survey Observation satellites	IEEE
	02-103	21-25 May	Anaheim, California (US)	IEEE (LEO) - OSA - APS Conference on Lasers and Electro-optics and International Quantum Electronics Conference	Stimulated emission devices Lasers Electro-optics Optical communications Fibre optics	IEEE OSA
x	02-104	21-25 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Aerospace industry Avionics Spacecraft systems	IEEE

02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-105	23—26 May	Dallas, Texas (US)	Year 1990 IEEE (MTT) International Microwave Symposium	Microwaves Airborne radars Ground radars Electromagnetic propagation Radio communications	IEEE
x 02-106	11—14 June	Ottawa, Ontario (CA)	IEEE (IM)—NBS—URSI Conference on Precision Electromagnetic Measurements	Electromagnetism Measurement techniques Instruments Electrical systems	IEEE NBS URSI
x 02-107	30 July— 2 August	Guildford (UK)	IOP International Conference on Implantation Technology	Semiconductors Fabrication processes Solid state devices Electronic systems	IOP
02-108	19—24 August	San Francisco, California (US)	SPIE 34th International Technical Symposium on Optical and Opto-electronic Applied Science and Engineering	Optical systems Electro-optics Fibre optics Photography Lasers	SPIE
02-109	20—24 August	Montréal, Québec (CA)	IEEE (CHMT) 15th International Conference on Electrical Contacts	Electrical systems Electronic systems Electric contacts Reliability Ground testing	IEEE

02-110	20—24 August	Washington, D.C. (US)	IEEE (EMC) International Symposium on Electromagnetic Compatibility	Electronic systems Avionics Electromagnetic compatibility Electromagnetic propagation Radio frequency interference	IEEE
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02-111	27—31 August	Trieste (IT)	IUPAP Conference on Hydrogen in Semiconductors	Semiconductors Electronic systems Hydrogen Solid state devices	IUPAP
02-112	10—13 September	Nottingham (UK)	IOP — VDE 20th European Solid-State Device Research Conference	Electronic systems Solid state devices Semiconductors Integrated circuits Research and development	IOP VDE
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02-113	16—20 September	Amsterdam (NL)	VDE 16th European Conference on Optical Communication	Optical communications Optical systems Fibre optics Electro-optics Lasers	VDE
02-114	23—28 September	Atlantic City, New Jersey (US)	ASPRS — ACSM Fall Technical Meeting	Aerial photography Earth resources survey Remote sensing Mapping Electronic systems	ASPRS ACSM

02 - ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-115	24-27 September	Jersey (UK)	Year 1990 IOP European Gallium Arsenide Conference	Electronic systems Solid state devices Integrated circuits Semiconductors Fabrication processes	IOP
02-116	24-27 September	Amsterdam (NL)	VDE International Display Research Conference	Display devices Research and development Optical systems Electronic systems Image processing	VDE
02-117	14-19 October	New Orleans, Louisiana (US)	ISA International Conference and Exhibition on Instrumentation	Aerospace industry Ground testing Flight testing Measurement techniques Instruments	ISA
02-118	21-24 October	Orlando, Florida (US)	IEEE (COM) International Telecommunications Energy Conference	Radio communications Satellite communications Power sources Energy conversion Electronic systems	IEEE

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02-119	21-24 October	Atlanta, Georgia (US)	IEEE (ED - MTT) Symposium on GaAs Integrated Circuits	Electronic systems Solid state devices Semiconductors Integrated circuits Microwaves	IEEE
02-120	4-9 November	Boston, Massachusetts (US)	OSA Annual Meeting on Optics	Optical systems Electro-optics Lasers Image processing Sensors	OSA
02-121	2-5 December	San Diego, California (US)	IEEE (COM) Global Telecommunications Conference	Radio communications Satellite communications Optical communications Data transmission Television	IEEE
Year 1991					
02-122	29-31 January	Orlando, Florida (US)	IEEE (R) - ASME - AIAA Reliability and Maintainability Symposium	Reliability Maintainability Aircraft Spacecraft Engineering design	IEEE ASME AIAA
02-123	24-29 March	Baltimore, Maryland (US)	ASPRS - ACSM Annual Meeting	Aerial photography Earth resources survey Remote sensing Mapping Electronic systems	ASPRS ACSM

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02 — ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
02-124	8—11 April	Las Vegas, Nevada (US)	Year 1991 IEEE (ED — R) International Reliability Physics Symposium	Electronic systems Electrical systems Solid state devices Reliability	IEEE
02-125	10—12 April	Oxford (UK)	IOP Conference on Electrostatics	Electronic systems Electrical systems Avionics Static electricity Lightning protection	IOP
02-126	13—16 May	San Diego, California (US)	IEEE (ED—SSC) Custom Integrated Circuits Conference	Integrated circuits Electronic systems Solid state devices Engineering design	IEEE
02-127	20—24 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronics systems Avionics Aerospace industry Spacecraft systems	IEEE
02-128	11—13 June	Boston, Massachusetts (US)	IEEE (MTT) International Microwave Symposium	Microwaves Air-bone radars Ground radars Electromagnetic propagation Radio communications	IEEE

02-129	23-26 June	Denver, Colorado (US)	IEEE (COM) International Conference on Communications	Radio communications Satellite communications Avionics Remote sensing Electromagnetic propagation	IEEE
02-130	13-15 August	Cherry Hill, New Jersey (US)	IEEE (EMC) International Symposium on Electromagnetic Compatibility	Electronic systems Avionics Electromagnetic compatibility Electromagnetic propagation Radio frequency interference	IEEE
02-131	17-21 September	Portland, Oregon (US)	ASPRS - ACSM Fall Technical Meeting	Aerial photography Earth resources survey Remote sensing Mapping Electronic systems	ASPRS ACSM
02-132	24-26 September	Toronto, Ontario (CA)	IEEE (AES) Conference on Automatic Testing (AUTOTESTCON)	Electronic systems Electrical systems Automatic test equipment Maintainability Reliability	IEEE
02-133	6-9 October	Chicago, Illinois (US)	IEEE 37th Conference on Electrical Contacts	Electrical systems Electronic systems Electric contacts Reliability Ground testing	IEEE

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02 -- ELECTRONICS, OPTICS AND METROLOGY (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 02-134	28--31 October	Anaheim, California (US)	Year 1991 ISA International Conference on Telemetry	Instruments Measurement techniques Ground testing Flight testing Telemetry	ISA
x 02-135	18--22 May	Dayton, Ohio (US)	Year 1992 IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
x 02-136	2--4 June	Albuquerque, New Mexico (US)	IEEE (MTT) International Symposium on Microwaves	Microwaves Radio communications Electromagnetic propagation Airborne radars Ground radars	IEEE
xx 02-137	19--22 October	Houston, Texas (US)	ISA International Conference on Telemetry	Instruments Measurement techniques Telemetry Ground testing Flight testing	ISA

xx	02-138	26-30 October	Yokohama (JA)	IECEJ 14th International Switching Symposium	Switching Electrical systems Electronic systems Radio communications	IECEJ
x	02-139	26-28 January	Atlanta, Georgia (US)	Year 1993 IEEE (R)-AIAA-ASME Reliability and Maintainability Symposium	Reliability Maintainability Aircraft Spacecraft Engineering design	IEEE ASME AIAA
x	02-140	24-28 May	Dayton, Ohio (US)	IEEE (AES) National Aerospace and Electronics Conference	Electronic systems Avionics Aerospace industry Spacecraft systems	IEEE
xx	02-141	August	Grenoble (FR)	IFIP Working Conference on VLSI '93	Integrated circuits Solid state devices Electronic systems Fabrication processes	IFIP

03 - FLIGHT MECHANICS

No.	Date	Location	Organization and Title	Key Words	Contact
03-01	14-16 August	Boston, Massachusetts (US)	<div>03 - FLIGHT MECHANICS</div> <div>Year 1989</div> <div>AIAA Atmospheric Flight Mechanics, Guidance, Navigation and Control and Flight Simulation Technologies Conferences</div>	Aircraft aerodynamics Flight simulators Flight control Flight characteristics Navigation Guidance	AIAA
03-02	22-26 August	Beijing (CN)	AAS - CSTAM International Conference on Dynamics, Vibration and Control	Vibration Flight control Dynamic loads Spacecraft structures Spacecraft	AAS
03-03	September	Xian (CN)	AIAA Atmospheric Flight Mechanics Conference	Flight characteristics Spacecraft aerodynamics Aircraft aerodynamics Flight control	AIAA
03-04	18-21 September	Göttingen (GE)	IEEE (AES) - DFVLR 13th International Congress on Instrumentation in Aerospace Simulation Facilities	Aircraft Spacecraft Ground testing Wind tunnels Flight simulators Instruments	IEEE DFVLR

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03-05	13-17 November	Luxembourg (LU)	AGARD/FMP 75th Panel Meeting and Symposium on Space Vehicle Flight Mechanics	Space sciences Spacecraft aerodynamics Spacecraft systems Guidance Flight control	AGARD*
03-06	6-10 November	Toulouse (FR)	CNES 2ème Colloque de Mécanique Spatiale	Space sciences Space mechanics Spacecraft Space station Guidance	CNES
03-07	15-18 May	Cranfield (UK)	Year 1990 CIT International Conference on Dynamics of Flexible Structures in Space	Dynamic loads Spacecraft structures Space environment Space mechanics Flight characteristics	CIT
				Flight characteristics Spacecraft aerodynamics Aircraft aerodynamics Flight control	AIAA
03-08	August	Portland, Oregon (US)	AIAA Atmospheric Flight Mechanics Conference		

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04 – FLUID DYNAMICS AND ACOUSTICS

No.	Date	Location	Organization and Title	Key Words	Contact
			<div>04 – FLUID DYNAMICS AND ACOUSTICS</div> <div>Year 1989</div>		
04-01	5–7 July	York (UK)	IOP 16th Annual Plasma Conference	Fluid mechanics Gas dynamics Plasmas Magnetohydrodynamics Energy conversion	IOP
04-02	9–12 July	San Diego, California (US)	ASME International Symposium on Turbulence Modification in Dispersed Multiphase Flows	Fluid mechanics Multiphase flow Turbulent flow Hydrodynamics	ASME
04-03	11–15 July	Swansea (UK)	UCS 6th International Conference on Numerical Methods in Laminar and Turbulent Flow	Fluid mechanics Laminar flow Turbulent flow Numerical analysis	UCS
04-04	25–28 July	Zurich (CH)	IUTAM 2nd Symposium on Structure of Turbulence and Drag Reduction	Fluid mechanics Gas dynamics Turbulent flow Measurement techniques Numerical analysis	IUTAM

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x	04-05	3-4 August	Seattle, Washington (US)	AIAA Professional Study Seminar on Unsteady Aerodynamics	Fluid mechanics Aircraft aerodynamics Unsteady flow Spacecraft aerodynamics Missile aerodynamics	AIAA
x	04-06	19-23 August	Hong Kong (HK)	HKU 4th Asian Congress of Fluid Mechanics	Fluid mechanics Gas dynamics Turbulent flow Laminar flow Boundary layers	HKU
	04-07	24-31 August	Belgrade (YU)	IUPAP — ICA 13th International Congress on Acoustics	Acoustic propagation Non-linear acoustics Aircraft noise Measurement techniques Noise reduction	IUPAP ICA
x	04-08	28-31 August	Nagoya (JA)	UN International Symposium on Computational Fluid Dynamics	Fluid mechanics Gas dynamics Numerical analysis Data processing Electronic computers	UN
	04-09	28 August — 1 September	Göttingen (GE)	IUTAM Symposium on Adiabatic Waves in Liquid- Vapor Systems	Fluid mechanics Hydrodynamics Multiphase flow Shock waves Explosions	IUTAM

04 — FLUID DYNAMICS AND ACOUSTICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
04-10	30 August — 1 September	Uxbridge (UK)	Year 1989 EUROMECH 253 Colloquium on Concentration Fluctuations in Turbulent Diffusion	Fluid mechanics Gas dynamics Turbulent flow Molecular structures Numerical analysis	EUROMECH
04-11	30 August — 2 September	Jablonna (PL)	EUROMECH 254 Colloquium on Transition Layers in Gases: Kinetic Theory and Experiments	Fluid mechanics Gas dynamics Turbulent flow Boundary layers Numerical analysis	EUROMECH
04-12	4—8 September	Tübingen (GE)	DECHEMA — EFCE 6th International Symposium on Synthetic Membranes in Science and Technology	Fluid systems Porous materials Filters Membranes Sensors	DECHEMA EFCE
04-13	5—8 September	Marseille (FR)	EUROMECH 257 Colloquium on Mechanical Effects Induced by a Laser	Fluid mechanics Solid mechanics Stimulated emission devices Lasers Numerical analysis	EUROMECH

04-14	17-20 September	Santa Fe, New Mexico (US)	APS 13th Conference on The Numerical Simulation of Plasmas	Plasmas Numerical analysis Mathematical models Gas dynamics Ion beams	APS
04-15	27-29 September	Delft (NL)	GAMM 8th Conference on Numerical Methods in Fluid Mechanics	Fluid mechanics Gas dynamics Numerical analysis Finite element methods Electronic computers	GAMM
04-16	4-6 October	Montréal, Québec (CA)	IEEE (UFFC) Ultrasonics Symposium	Ultrasonics Acoustic propagation Electronic systems Non-destructive testing Fabrication processes	IEEE
04-17	6-10 November	St. Louis, Missouri (US)	ASA 118th Meeting on Acoustics	Acoustic propagation Non-linear acoustics Aircraft noise Measurement techniques Noise reduction	ASA
04-18	12-17 November	Anaheim, California (US)	ASP Meeting of the Plasma Physics Division	Fluid mechanics Gas dynamics Plasmas Magnetohydrodynamics Energy conversion	APS

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04 - FLUID DYNAMICS AND ACOUSTICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
04-19	13-14 November	Arlington, Texas (US)	Year 1989 AHS National Specialists' Meeting on Rotorcraft Dynamics	Helicopters Aircraft aerodynamics Flight control Dynamic loads Vibration	AHS
04-20	4-6 December	Newport Beach, California (US)	INCE International Conference on Noise Control Engineering	Acoustic propagation Noise reduction Aircraft noise Vibration Measurement techniques	INCE
04-21	11-15 December	Melbourne (OS)	DMEMU 10th Australasian Fluid Mechanics Conference	Fluid mechanics Gas dynamics Laminar flow Turbulent flow Research and development	DMEMU
04-22	21-25 May	University Park, Pennsylvania (US)	Year 1990 ASA 119th Meeting on Acoustics	Acoustic propagation Non-linear acoustics Aircraft noise Measurement techniques Noise reduction	ASA

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04-23	18-20 June	Seattle, Washington (US)	AIAA 21st Fluid and Plasmadynamics Conference and Plasmadynamics and Lasers Conference	Fluid mechanics Gas dynamics Plasmas Magnetohydrodynamics Lasers	AIAA
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04-24	13-15 August	Gothenburg (SW)	INCE International Conference Inter-Noise '90	Noise reduction Acoustic propagation Aircraft noise Vibration Measurement techniques	INCE
04-25	26-30 November	San Diego, California (US)	ASA 120th Meeting on Acoustics	Acoustic propagation Non-linear acoustics Aircraft noise Measurement techniques Noise reduction	ASA
04-26	5-7 December	Honolulu, Hawaii (US)	IEEE (UFFC) Ultrasonics Symposium	Ultrasonics Acoustic propagation Electronic systems Non-destructive testing Fabrication processes	IEEE
x			Year 1991		
04-27	June	Nashville, Tennessee (US)	AIAA 22nd Fluid and Plasmadynamics Conference	Fluid mechanics Gas dynamics Plasmas Magnetohydrodynamics	AIAA

05 — NAVIGATION, GUIDANCE AND CONTROL

No.	Date	Location	Organization and Title	Key Words	Contact
05-01	3-4 July	London (UK)	<div>05 — NAVIGATION, GUIDANCE AND CONTROL</div>		
			Year 1989		
			AGARD/GCP Lecture Series No.166 on Kalman Filter Integration of Modern Guidance and Navigation Systems	Aircraft systems Spacecraft systems Guidance Navigation Filters	AGARD*
			IFIP 14th Conference on System Modelling and Optimization	Systems engineering Systems analysis Computer simulation Mathematical models Performance prediction	IFIP
05-02	3-7 July	Leipzig (DR)			
05-03	3-7 July	Nancy (FR)	IFAC — IMACS — IEEE International Conference on Advanced Information Processing in Automatic Control	Cybernetics Automatic control Information systems Electronic computers Data processing	IFAC IMACS
			CMI Conference on Applications of Artificial Intelligence in Engineering	Automatic control Systems engineering Engineering design Electronic computers Fabrication processes	CMI
05-04	10-14 July	Cambridge (UK)			

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05-05	17-21 July	Tsukuba (JA)	IFAC Symposium on Automatic Control in Space	Spacecraft systems Spacecraft propulsion Command and control Automatic control Electronic systems	IFAC
xx					
05-06	August	Copenhagen (DA)	IFAC Symposium on Robotics and Automation	Automatic control Electronic computers Cybernetics Fabrication processes Digital systems	IFAC
x					
05-07	5-6 August	Stowe, Vermont (US)	AIAA Professional Study Seminar on Optimal Orbital Maneuverability	Spacecraft Flight control Space operations Guidance Automatic control	AIAA
x					
05-08	24-26 August	Tsukuba (JA)	IEEE International Workshop on Intelligent Robots and Systems	Automatic control Electro-optics Sensors Fabrication processes	IEEE
05-09	28-31 August	Berlin (GE)	IFAC - IMACS Symposium on Large Scale Systems: Theory and Applications	Information systems Automatic control Systems engineering Data processing Computer simulation	IFAC IMACS
05-10	12-14 September	Xian (CN)	IFAC - IFIP 4th Conference on Analysis, Design and Evaluation of Man-Machine Systems	Cybernetics Automatic control Human factors Systems analysis Systems engineering	IFAC IFIP

05 — NAVIGATION, GUIDANCE AND CONTROL (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
05-11	3-6 October	Lausanne (CH)	Year 1989 AF/CET — EPFL International Conference on Systems Science	Systems engineering Cybernetics Automatic control Data processing Computer simulation	AF/CET EPFL
05-12	9-13 October	Braunschweig (GE)	CCG Hochgenaue Inertiale Mess- und Navigations- systeme	Guidance Navigation Measurement techniques Spacecraft systems Aircraft systems	CCG
05-13	9-13 October	Toulouse (FR)	AGARD/GCP 49th Panel Meeting and Symposium on Fault Tolerant Design Concepts for Highly Integrated Flight Critical Guidance and Control Systems	Aircraft systems Guidance Flight control Reliability Systems engineering	AGARD*
05-14	17-19 October	London (UK)	RIN — IN International Conference on Satellite Navigation	Aircraft systems Marine systems Spacecraft systems Navigation Satellite communications	RIN IN

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05-15	5-10 November	Philadelphia, Pennsylvania (US)	SPIE Symposium and Exhibition on Visual Communications, Image Processing and Intelligent Robotics Systems	Optical communications Automatic control Electro-optics Sensors Image processing	SPIE
05-16	13-15 December	Tampa, Florida (US)	IEEE (CS) 28th Conference on Decision and Control	Aircraft systems Spacecraft systems Missile systems Automatic control Systems management	IEEE
Year 1990					
x 05-17	12-15 June	Antibes (FR)	INRIA 9th International Conference Analysis and Optimization of Systems	Systems engineering Systems analysis Computer simulation Automatic control Data processing	INRIA
xx 05-18	August	Portland, Oregon (US)	AIAA Conference on Guidance, Navigation and Control	Guidance Navigation Flight control Aircraft systems Spacecraft systems	AIAA
05-19	13-17 August	Tallin (SU)	IFAC 11th World Congress on Automatic Control	Automatic control Spacecraft systems Aircraft systems Fabrication processes Systems engineering	IFAC

05 -- NAVIGATION, GUIDANCE AND CONTROL (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
05-20	19-23 July	Southampton (UK)	<p>IFAC 12th Symposium on Automatic Control in Aerospace</p> <p>Year 1991</p>	<p>Spacecraft systems Spacecraft propulsion Command and control Automatic control Electronic systems</p>	IFAC

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**06 - THERMODYNAMICS,
COMBUSTION, PROPULSION
AND ENERGETICS**

Year 1989

x	06-01	3-7 July	Swansea (UK)	UCS 6th International Conference on <i>Numerical Methods in Thermal Problems</i>	Heat transfer Thermodynamics Thermal analysis Numerical analysis	UCS
x	06-02	8-9 July	Monterey, California (US)	AIAA Professional Study Seminars on <i>Electric Propulsion, Numerical Methods and Guidance and Control for Propulsion Engineers</i>	Spacecraft propulsion Numerical analysis Guidance Automatic control Spacecraft systems	AIAA
	06-03	10-12 July	Monterey, California (US)	AIAA - SAE - ASME 25th <i>Propulsion</i> Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA SAE
x	06-04	23-28 July	Ann Arbor, Michigan (US)	AIAA 12th International Colloquium on <i>Dynamics of Explosion and Reactive Systems</i>	Chemical reactions Explosions Gas dynamics Shock waves	AIAA
	06-05	31 July - 4 August	Rio de Janeiro (BR)	IUPAP 17th International Conference on <i>Thermodynamics and Statistical Mechanics</i>	Thermodynamics Heat transfer Solid mechanics Fluid mechanics Statistics	IUPAP

06 -- THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
06-06	6-9 August	Philadelphia, Pennsylvania (US)	ASME - AICHE National Heat Transfer Conference Year 1989	Heat transfer Thermodynamics Thermal analysis Solar energy	ASME AICHE
06-07	7-12 August	Washington, D.C. (US)	IEEE (ED) - AICHE - ACS - ASME 24th Intersociety Energy Conversion Engineering Conference	Energy conversion Power sources Aircraft propulsion Spacecraft propulsion Solar energy	IEEE AICHE
06-08	13-18 August	Tokyo (JA)	ISES International Congress on Solar Energy	Energy conversion Power sources Solar energy Photovoltaic effect Solar cells	ISES
06-09	28 August - 2 September	Luxembourg (LU)	AGARD/PEP 74th Panel Meeting and Specialists' Meeting on: A) Unsteady Aerodynamic Phenomena in Turbomachines B) Secondary Flows and Tip Clearance Flows in Turbomachinery	Aircraft propulsion Gas turbine engines Gas dynamics Unsteady flow	AGARD*

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06-10	4-9 September	Athens (GR)	AIAA 9th International Symposium on Air Breathing Engines	Aircraft propulsion Missile propulsion Gas turbine engines Ramjet engines Piston engines	AIAA
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06-11	4-8 September	Kobe (JA)	ISES World Congress of the International Solar Energy Society	Solar energy Photovoltaic effect Power sources Energy conversion Solar cells	ISES
06-12	17-22 September	Montréal, Québec (CA)	WEC 14th World Energy Congress and Exhibition	Energy conversion Energy conservation Power sources Fuels Solar energy	WEC
06-13	25-29 September	Freiburg (GE)	CEEC 9th European Photovoltaic Solar Energy Conference and Exhibition	Photovoltaic effect Solar cells Energy conversion Power sources Solar energy	CEEC
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06-14	2-3 October	Trier (GE)	VDE Thermodynamics Colloquium	Thermodynamics Heat transfer Combustion Thermal analysis	VDE
06-15	2-6 October	Madrid (SP)	ASE-INTA 1st European Space Power Conference	Power sources Spacecraft systems Photovoltaic effect Solar energy Energy conversion	ASE(ESA)
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06 -- THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS (Cont.)

<i>N</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
x 06-16	2-6 October	Knoxville, Tennessee (US)	Year 1989 IEEE (NPS)—ORNL 13th Symposium on Fusion Engineering	Fusion Engineering design Power sources Energy conversion	IEEE
06-17	9-11 October	Aachen (GE)	VDE 3rd European Conference on Power Electronics and Applications	Electronic systems Power sources Spacecraft systems Avionics Solid state devices	VDE
06-18	22-26 October	Dallas, Texas (US)	IEEE (PE) -- ASME Power Generation Conference	Power sources Energy conversion Electrical systems Electronic systems Engines	IEEE ASME
x 06-19	25-27 October	Tokyo (JA)	IFAC-IFORS Symposium on Energy Systems, Management and Economics	Power sources Energy conversion Electrical systems Solar energy Energy conservation	IFAC IFORS

x	06-20	14-15 May	Vienna (AU)	Year 1990 ALENCA 7th World Conference on Thermal Analysis	Thermal analysis Thermodynamics Measurement techniques Instruments Heat transfer	ALENCA
xx	06-21	June/July	Orlando, Florida (US)	AIAA - SAE - ASME - ASEE 26th Joint Propulsion Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA SAE ASME
	06-22	12-17 August	Reno, Nevada (US)	IEEE (ED) - AICHE - ACS - ASME 25th Intersociety Energy Conversion Engineering Conference	Energy conversion Power sources Aircraft propulsion Spacecraft propulsion Solar energy	IEEE AIChE
	06-23	16-23 August	Brighton (UK)	IUPAP - IOP 19th International Conference on Low Temperature Physics	Thermodynamics Cryogenics Superconductivity Liquefied gases Heat transfer	IUPAP IOP
	06-24	26-31 August	Jerusalem (IL)	EFCE - SFT - TIIT International Heat Transfer Conference	Thermodynamics Heat transfer Solar energy Plasmas Thermal analysis	EFCE TIIT SFT

06 - THERMODYNAMICS, COMBUSTION, PROPULSION AND ENERGETICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x	06-25	29-31 August	London (UK)	RAES - AIAA International Conference on Powered Lift	RAES AIAA
	06-26	21-25 October	Boston, Massachusetts (US)	IEEE (PE) - ASME Power Generation Conference	IEEE ASME
	06-27	15-16 November	New Delhi or Bombay (IN)	Thermal analysis Thermodynamics Measurement techniques Instruments Heat transfer	ALENCA
xx	06-28	3-6 June	Orlando, Florida (US)	Gas turbine engines Aircraft propulsion Aircraft systems Engineering design	IGTI

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06-29	24-26 June	Sacramento, California (US)	AIAA - SAE - ASME 27th Propulsion Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA SAE
06-30	3-9 August	Boston, Massachusetts (US)	IEEE (ED) - AICHE - ACS - ASME 26th Intersociety Energy Conversion Engineering Conference	Energy conversion Power sources Aircraft propulsion Spacecraft propulsion Solar energy	IEEE AIChE
06-31	July	Nashville, Tennessee (US)	Year 1992 AIAA - ASME - SAE - ASEE 28th Joint Propulsion Conference and Exhibition	Aircraft propulsion Missile propulsion Spacecraft propulsion Gas turbine engines Rocket engines	AIAA

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07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS

No.	Date	Location	Organization and Title	Key Words	Contact
			<div>07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS</div> <p>Year 1989</p>		
07-01	2-14 July	Sintra (PO)	NATO-ASI on Electrochemica and Optical Techniques for the Study and Monitoring of Metallic Corrosion	Corrosion Metals Non-destructive testing Optical systems Electrochemistry	NATO
07-02	5 July	London (UK)	IOP Conference on Contact Stress Analysis	Stress analysis Tribology Mechanical properties Materials Measurement techniques	IOP
07-03	5-7 July	Cambridge (UK)	IOP - RSC Conference on Materials for Non-Linear and Electro-Optics	Non-linear physics Electro-optics Semiconductors Solid state devices Inorganic materials Engineering design	IOP RSC
07-04	10-12 July	Vienna (AU)	CMI 3rd International Conference on Structural Failure, Product Liability and Technical Insurance	Aircraft structures Spacecraft structures Failure analysis Computer aided design	CMI

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07-05	11-13 July	Birmingham (UK)	SAMPE 10th International Conference and Exhibition on Materials and Processes	Aircraft structures Spacecraft structures Materials Fabrication processes Engineering design	SAMPE
07-06	11-13 July	Boston, Massachusetts (US)	CMI Conference on Structures under Shock and Impact	Strategic warfare Tactical warfare Airports Explosions Structural loads Shock waves	CMI
07-07	17-21 July	Paris (FR)	ACMC International Symposium on Acoustic Emission from Reinforced Composites	Composite materials Fibre reinforced plastics Stress analysis Non-destructive testing Acoustic propagation	ACMC
07-08	24-26 July	Paisley (UK)	PCT 5th International Conference on Composite Structures	Aircraft structures Spacecraft structures Missile structures Composite materials Engineering design	PCT
07-09	14-18 August	Welches, Oregon (US)	ADPA Conference on Flash Radiography	Radiography Non-destructive testing Materials Mechanical properties	ADPA

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07 – STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-10	21–25 August	Heidelberg (GE)	Year 1989 IUPAP 3rd International Conference on Phonon Physics	Solid mechanics Crystal lattices Vibration Acoustic propagation Phonon beams	IUPAP
07-11	22–25 August	Harrogate (UK)	IME International Conference on Engineering Design	Aircraft Spacecraft Missiles Engineering design	IME
07-12	25–28 August	Beijing (CN)	ACMC—CSAA 7th International Conference on Composite Materials	Aircraft structures Spacecraft structures Composite materials Mechanical properties Fabrication processes	ACMC CSAA
07-13	29–31 August	Cambridge, Massachusetts (US)	CMI Conference on Boundary Element Methods in Engineering	Engineering design Stress analysis Structural loads Finite element methods Aircraft structures Spacecraft structures	CMI
07-14	29 August – 1 September	Glasgow (UK)	EUROMECH 252 Colloquium on Bifurcation Phenomena in Solids	Solid mechanics Materials Mathematics Stress analysis	EUROMECH

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x	07-15	6 September	London (UK)	IOM Conference on Characterisation of High Temperature Materials: Surface Stability	Metals Materials Gas turbine engines Mechanical properties Chemical analysis Surface properties	IOM
	07-16	10-15 September	Miami Beach, Florida (US)	ACS 198th National Meeting	Materials Plastics Fuels Protective coatings Chemical analysis	ACS
x	07-17	12 September	London (UK)	IOM Conference on Structural Integrity of Welded Components: Validation - the Level of Conservatism in Design and Assessment Methods	Welding Spacecraft structures Aircraft structures Non-destructive testing Engineering design	IOM
x	07-18	12-14 September	Detroit, Michigan (US)	ASM 5th Annual Advanced Composites Conference and Exposition	Composite materials Metal matrix composites Mechanical properties Fabrication processes	ASM
	07-19	12-14 September	Atlanta, Georgia (US)	SME Conference and Exposition on Adhesives	Aircraft structures Materials Fabrication processes Bonding Mechanical properties	SME

07 — STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
07-20	12-14 September	Bristol (UK)	Year 1989 IME — PRI Conference on Structural Adhesives in Engineering	Aircraft structures Materials Plastics Fabrication processes Bonding	IME PRI
x 07-21	13-15 September	Reading (UK)	IOP Conference on Physical Aspects of Polymer Science	Polymers Plastics Mechanical properties Measurement techniques	IOP
x 07-22	13-20 September	Essen (GE)	DVS 12th International Welding Fair	Welding Fabrication processes Aircraft structures Spacecraft structures	DVS
07-23	18-20 September	Essen (GE)	DVS 2nd International Colloquium on Hart- und Hochtemperaturlöten und Diffusionsschweißen and 4th International Topical Meeting on Widerstandsschweißen	Materials Metals Fabrication processes Joining Welding	DVS
x 07-24	18-22 September	Singapore (SG)	NACE 6th Asian-Pacific Corrosion Control Conference	Materials Corrosion Protective coatings Metals	NACE

07-25	20-22 September	London (UK)	PRI-IEE 5th International conference on Plastics in Telecommunications	Plastics Polymers Dielectrics Electronic systems Radio communications	PRI IEE
07-26	20-22 September	Cannes (FR)	CNES-ASE Symposium Européen sur Les Mécanismes et la Tribologie	Tribology Materials Mechanical properties Lubrication systems	CNES ASE (ESA)
07-27	25-28 September	Tallinn (SU)	EUROMECH 256 Colloquium on Non-destructive Three-dimensional Experimental Stress Analysis	Materials Mechanical properties Measurement techniques Stress analysis Non-destructive testing	EUROMECH
07-28	25-29 September	Cologne (GE)	IUPAC-IUPAP 11th International Vacuum Congress with 7th International Conference on Solid Surfaces	Materials Semiconductors Surface treatment Surface properties Vacuum systems Vapour deposition	IUPAC IUPAP
07-29	25-29 September	Dearborn, Michigan (US)	ASM 5th Annual Conference and Exposition on Advanced Composites	Composite materials Fibre reinforced plastics Metal matrix composites Fabrication processes Engineering design	ASM

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07 -- STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
07-30	1-4 October	Hamilton, Ontario (CA)	Year 1989 ACS International Conference on Separation Science and Technology	Materials Particles Fluid systems Chemical analysis Size separation	ACS
07-31	1-6 October	Brussels (BE)	AGARD/SMP 69th Panel Meeting and Specialists' Meeting on Impact of Emerging NDE-NDI Methods on Aircraft Design, Manufacture and Maintenance and Workshop on AGARD/SMP Review -- Damage Tolerance for Engine Structures IV -- Reliability and Quality Assurance	Aircraft structure Gas Turbine engines Reliability Failure analysis Non-destructive testing	AGARD*
07-32	1-6 October	Utrecht (NL)	EFC European Congress on Corrosion	Materials Corrosion Surface properties Surface treatment Protective coatings	EFC
07-33	2-5 October	Indianapolis, Indiana (US)	ASM 3rd Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM

07-34	3-5 October	Scottsdale, Arizona (US)	AHS Meeting on Fatigue Methodology	Aircraft structures Helicopters Mechanical properties Fatigue Failure analysis	AHS
07-35	4-5 October	Arlington, Texas (US)	SME Exposition and Conference on Fabricating Composites	Composite materials Fabrication processes Engineering design Polymers	SME
07-36	5-6 October	Rome (IT)	AGARD/SMP Lecture Series No. 168 on Superplasticity	Aircraft structures Spacecraft structures Metals Mechanical properties Plastic deformation	AGARD*
07-37	9-10 October	Madrid (SP)	AGARD/SMP Lecture Series No. 168 on Superplasticity	Aircraft structures Spacecraft structures Metals Mechanical properties Plastic deformation	AGARD*
07-38	9-12 October	Rosemont, Illinois (US)	SME International Conference and Exposition on Fabricating Technologies	Aircraft structures Spacecraft structures Missile structures Fabrication processes Forming	SME

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07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-39	12-13 October	Berlin (GE)	Year 1989 VDE Werkstoffe der Mikrotechnik Fachtagung	Materials Fabrication processes Engineering design Semiconductors Microprocessors	VDE
07-40	12-13 October	Toulouse (FR)	AGARD/SMP Lecture Series No. 168 on Superplasticity	Aircraft structures Spacecraft structures Metals Mechanical properties Plastic deformation	AGARD*
07-41	17-19 October	Atlantic City, New Jersey (US)	SAMPE 21st International Technical Conference on Advanced Materials: The Big Pay-off	Composite materials Fibre reinforced plastics Metal matrix composites Engineering design Fabrication processes Bonding	SAMPE
07-42	17-19 October	Cincinnati, Ohio (US)	SME Conference and Exposition on Finishing Processes	Aircraft structures Spacecraft structures Fabrication processes Surface treatment Protective coatings	SME

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x	07-43	22-24 October	Virginia Beach, Virginia (US)	ADPA Conference on Compatibility of Plastics	Plastics Polymers Mechanical properties Chemical reactions Materials	ADPA
	07-44	23-25 October	Kanazawa (JA)	JIRA — JSME — IFS 10th International Conference on Assembly Automation	Aerospace industry Fabrication processes Assembling Automatic control Electronic computers	JSME IFS
x	07-45	23-29 October	Antibes (FR)	SFV European Conference on Applications of Surface and Interface Analysis	Surface properties Vacuum systems Surface treatment Interfaces Materials	SFV
	07-46	24-26 October	Philadelphia, Pennsylvania (US)	SME Conference and Exposition on Fabricating Composites	Aircraft structures Spacecraft structures Composite materials Fabrication processes Automatic control	SME
	07-47	31 October — 2 November	Paderborn (GE)	EUROMECH 255 Colloquium on Thermal Effects in Fracture of Multiphase Materials	Solid mechanics Materials Phase transformations Fracture mechanics Thermal analysis	EUROMECH

07 – STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
07-48	31 October – 2 November	Harrogate (UK)	Year 1989 WI International Conference on Advances in Joining and Cutting Processes	Welding Joining Bonding Fabrication processes Lasers	WI
07-49	6–9 November	San Antonio, Texas (US)	NACE – AICHE – ASCE – SPE – SPI 10th Biennial Symposium on Managing Corrosion with Plastics	Materials Fibre reinforced plastics Polymers Corrosion Mechanical properties	NACE SPE
07-50	6–9 November	Orlando, Florida (US)	ASTM Symposium on Composite Materials: Fatigue and Fracture	Composite materials Fatigue Fracture mechanics Mechanical properties Fibre reinforced plastics	ASTM
07-51	6–10 November	Los Angeles, California (US)	ASM 5th International Symposium for Testing and Failure Analysis	Materials Metals Failure analysis Non-destructive testing Mechanical properties	ASM

07-52	7-10 November	Phoenix, Arizona (US)	AVS 36th National Vacuum Symposium	Materials Semiconductors Surface treatment Vacuum systems Vapour deposition	AVS
x	07-53	8-9 November	London (UK)	IOM Conference on Metal Matrix Composites Applications	IOM
07-54	13-16 November	Detroit, Michigan (US)	SME Conference and Exposition on Automated, Integrated Factory	Fabrication processes Machining Automatic control Electronic computers Digital systems	SME
07-55	16-17 November	New Delhi (IN)	ALENCA 11th International Conference on Fire Retardant Additives	Materials Flammability Combustion Fire prevention Aircraft safety	ALENCA
07-56	20 November- 1 December	Makuhari, or Chiba (JA)	SAMPE 1st International Symposium and Exhibition (Japan Chapter)	Composite materials Fibre reinforced plastics Metal matrix composites Fabrication processes Materials	SAMPE
x	07-57	22-24 November	Aachen (GE)	Materials Mechanical properties Fabrication processes Engineering design	DGM

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

<i>No.</i>	<i>Date</i>	<i>Location</i>	<i>Organization and Title</i>	<i>Key Words</i>	<i>Contact</i>
07-58	28 November— 1 December	Boston, Massachusetts (US)	Year 1989 IEEE (MAG)—AIP Conference on Magnetism and Magnetic Materials	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP
07-59	6 December	London (UK)	IOM Conference on Characterisation of High Temperature Materials: Numerical Techniques	Metals Materials Gas turbine engines Mechanical properties Chemical analysis Numerical analysis	IOM
07-60	7—8 December	Paris (FR)	AAAF—RAES European Forum on Computer Integrated Manufacture	Fabrication processes Automatic control Electronic computers Aerospace industry	AAAF RAES
07-61	12 December	London (UK)	IOM Conference on Structural Integrity of Welded Components: Re-appraisal of Design and Assessment Approaches	Welding Aircraft structures Spacecraft structures Non-destructive testing Engineering design	IOM
07-62	12—16 December	Moran, Wyoming (US)	CMU 4th International Conference on Hydrogen Effects on Material Behaviour	Hydrogen Materials Metals Corrosion Chemical reactions	CMU

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07-63	20—22 February	Fellbach (GE)	Year 1990 DVS 5th International Colloquium on Verbindungstechnik in der Elektronik	Electronic systems Solid state devices Fabrication processes Welding Bonding	DVS
07-64	13—15 March	Indianapolis, Indiana (US)	ASM 12th Heat Treating Conference and Exposition	Metals Metallurgy Heat treatment Phase transformations Mechanical properties	ASM
07-65	2—5 April	Anaheim, California (US)	SAMPE 35th International Symposium and Exhibition	Composite materials Fibre reinforced materials Metal matrix composites Fabrication processes Bonding	SAMPE
07-66	10—12 April	Warwick (UK)	IOP Conference on New Materials and their Application	Materials Plastics Metal matrix composites Composite materials Engineering design	IOP
07-67	17—20 April	Brighton (UK)	IEEE (MAG) International Magnetics Conference	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE

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07 -- STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-68	22-27 April	Boston, Massachusetts (US)	ACS 199th National Meeting Year 1990	Materials Plastics Fuels Protective coatings Chemical analysis	ACS
07-69	23-27 April	Las Vegas, Nevada (US)	NACE International Forum and Exhibition on Corrosion '90	Materials Aircraft systems Spacecraft systems Corrosion Protective coatings	NACE
07-70	23-27 April	Brussels (BE)	CMI CADCOMP 90 Conference	Composite materials Computer aided design Engineering design Fabrication processes Structural loads	CMI
07-71	14-15 May	Vienna (AU)	ALENCA 14th European Conference on Fire Retardant Additives	Materials Fire prevention Aircraft safety Flammability Combustion	ALENCA

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07-72	19-28 July	Bordeaux (FR)	IUC International Congress of Crystallography	Materials Crystal lattices Molecular structures Crystallography Metallography	IUC
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07-73	27-31 August	Brussels (BE)	BNSF International Colloquium on Durability of Polymer Based Composite Systems for Structural Applications	Composite materials Polymers Mechanical properties Reliability Structural loads	BNSF
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07-74	September	Stuttgart (GE)	DFVLR 4th European Conference on Composite Materials	Composite materials Fibre reinforced plastics Fabrication processes Aircraft structures Spacecraft structures	DFVLR
07-75	19-21 September	Kyoto (JA)	UN 2nd World Congress on Particle Technology	Solid mechanics Materials Particles Chemical analysis Fabrication processes	UN
07-76	24-27 September	Liège (BE)	CEEC - CRM 4th Conference on High Temperature Materials for Power Engineering	Metals Ceramics Composite materials Gas turbine engines Mechanical properties Fabrication processes	CEEC CRM

07 - STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-77	24-28 September	Dearborn, Michigan (US)	Year 1990 ASM 6th Annual Conference and Exposition on Advanced Composites	Composite materials Fibre reinforced plastics Metal matrix composites Fabrication processes Engineering design	ASM
07-78	8-11 October	Detroit, Michigan (US)	ASM 4th Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM
07-79	29 October- 1 November	San Diego, California (US)	IEEE (MAG) - AIP Conference on Magnetism and Magnetic Materials	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP
07-80	6-8 November	Boston, Massachusetts (US)	SAMPE 22nd International Technical Conference on Advanced Materials and Process Engineering	Composite materials Fibre reinforced materials Metal matrix composites Fabrication processes Bonding	SAMPE
07-81	15-16 November	New Delhi or Bombay (IN)	ALENCA 12th International Conference on Fire Retardant Additives	Materials Fire prevention Aircraft safety Flammability Combustion	ALENCA

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07-82	10-15 February	Melbourne (OS)	RACI International Symposium on Polymer Materials - Preparation, Characterization and Properties		Materials Plastics Polymers Mechanical properties Fabrication processes	RACI		
07-83	15-17 April	Stratford upon Avon (UK)	IOP International Conference on Frontiers of Tribology		Tribology Materials Mechanical properties Lubrication systems Surface properties	IOP		
07-84	18-21 June	Pittsburgh, Pennsylvania (US)	IEEE (MAG) - AIP International Magnetics and Magnetism and Magnetic Materials Conferences		Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP		
07-85	25-30 August	Glasgow (UK)	IOP 13th International Colloquium on Magnetic Films and Surfaces		Magnetic materials Surface properties Films Ferromagnetism	IOP		
07-86	1-7 September	Edinburgh (UK)	IUPAP - IEEE (MAG) - IOP International Conference on Magnetism		Metals Magnetic materials Ferromagnetism Electromagnetism	IUPAP IEEE IOP		
07-87	17-19 September	Detroit, Michigan (US)	ASM 13th Heat Treating Conference and Exposition		Metals Metallurgy Heat treatment Phase transformations Mechanical properties	ASM		

07 -- STRUCTURES, MATERIALS AND APPLIED MECHANICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
07-88	28-31 October	Cincinnati, Ohio (US)	Year 1991 ASM 5th Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM
07-89	13-16 April	St Louis, Missouri (US)	Year 1992 IEEE (MAG) - AIP International Magnetics and Magnetism and Magnetic Materials Conference	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP
07-90	28 September - 1 October	Indianapolis, Indiana (US)	ASM 6th Materials Congress and Exposition	Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM
07-91	1-4 December	Houston, Texas (US)	IEEE (MAG) - AIP Conference on Magnetism and Magnetic Materials	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE AIP

x	07-92	26-30 April	Vienna (AU)	Year 1993 IEEE (MAG) International Magnetism and Magnetism and Magnetic Materials Conference	Metals Magnetic materials Ferromagnetism Electromagnetism	IEEE
	07-93	27-30 September	Philadelphia, Pennsylvania (US)		Aircraft structures Materials Mechanical properties Fabrication processes Engineering design	ASM

08 - ATMOSPHERIC PHYSICS AND EARTH ENVIRONMENT

No.	Date	Location	Organization and Title	Key Words	Contact
			<div>08 - ATMOSPHERIC PHYSICS AND EARTH ENVIRONMENT</div> <div>Year 1989</div>		
x 08-01	3-7 July	Norwich (UK)	OMM International Conference on Generation of Oxidants on Regional and Global Scales	Earth atmosphere Air pollution Aircraft propulsion Oxidation	OMM
x 08-02	9-19 July	Washington, D.C. (US)	USGS 28th International Geological Congress (planetology, geophysics, remote sensing)	Geophysics Remote sensing Observation satellites Earth resources survey Data transmission	USGS
x 08-03	24-28 July	Marco Island, Florida (US)	IEEE 26th Annual Conference on Nuclear and Space Radiation Effects	Ionizing radiation Space environment Geophysics Spacecraft	IEEE
x 08-04	24-28 July	Reading (UK)	OMM Workshop on a New Manual on Satellite and Radar Imagery Interpretation	Earth atmosphere Meteorology Remote sensing Observation satellites Image processing Airborne radar	OMM

08-05	31 July – 11 August	Reading (UK)	IAMAP 5th Scientific Assembly on Meteorology and Atmospheric Physics	Earth atmosphere Geophysics Meteorology Particles Remote sensing	IAMAP
x	08-06	7–10 August	Stowe, Vermont	AAS—AIAA Aerodynamics Specialist Conference	AAS AIAA
x	08-07	11–22 September	Brussels (BE)	OMM Commission for Instruments and Methods of Observation (Tenth Session)	OMM
	08-08	12–15 September	Geneva (CH)	OMM 7th International Conference on Heavy Metals in the Environment	OMM
x	08-09	3–6 October	Geneva (CH)	OMM Expert Group on Aeronautical Meteorological Codes	OMM
x	08-10	23–27 October	Sofia (BU)	OMM Technical Conference on the Monitoring and Assessment of Changing the Composition of the Troposphere	OMM

08 — ATMOSPHERIC PHYSICS AND EARTH ENVIRONMENT (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
08-11	13-17 November	Buenos Aires (AR)	Year 1989 OMM Third International Conference on Southern Hemisphere Meteorology and Oceanography	Meteorology Earth atmosphere Measurement techniques Geophysics	OMM
08-12	4-8 December	San Francisco, California (US)	AGU Fall Meeting	Geophysics Earth atmosphere Aeronomy Meteorology Electromagnetic propagation	AGU
08-13	6-19 January	Adelaide (OS)	Year 1990 IUPAP International Cosmic Ray Conference	Geophysics Space environment Solar energy Ionizing radiation Aircraft safety	IUPAP
08-14	15-20 February	New Orleans, Louisiana (US)	AAAS Annual Meeting (Earth Sciences)	Geophysics Earth atmosphere Earth resources survey Meteorology	AAAS

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x	08-15	17-28 April	Offenbach (GE)	OMM Commission for Atmospheric Sciences (Tenth Session)	Earth atmosphere Geophysics Meteorology Aeronomy	OMM
xx	08-16	April-May	Montréal, Quebec (CA)	OMM Commission for Aeronautical Meteorology (Ninth Session)	Meteorology Aeronomy Aeronautics Earth atmosphere Airline operations	OMM
x	08-17	7-11 May	Baltimore, Maryland (US)	AGU Spring Meeting	Geophysics Meteorology Earth atmosphere Aeronomy	AGU
x	08-18	17-18 May	Vienna (AU)	ALENCA 11th European Conference on Environmental Pollution	Earth atmosphere Environment protection Air pollution Pollution control Noise reduction	ALENCA
x	08-19	7-8 June	Toronto, Ontario (CA)	ALENCA 10th International Symposium on Environmental Pollution	Earth atmosphere Environment protection Air pollution Pollution control Noise reduction	ALENCA
	08-20	25 June- 7 July	The Hague (NL)	COSPAR 28th Plenary Meeting and Associated Symposia	Space sciences Scientific satellites Space station Space environment Aeronomy	COSPAR

08 - ATMOSPHERIC PHYSICS AND EARTH ENVIRONMENT (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
xx 08-21	August	Portland, Oregon (US)	Year 1990 AIAA - AAS Astrodynamics Conference	Space sciences Space environment Scientific satellites Geophysics	AIAA AAS
x 08-22	24-25 October	Cairo (EG)	ALENCA International Conference on <i>Environmental Studies and Air/Water Pollution Analysis</i>	Earth atmosphere Air pollution Environment protection Pollution control	ALENCA
xx 08-23	5-6 November	New Delhi or Bombay (IN)	ALENCA International Conference on <i>Air/Water Pollution, Hazardous Wastes and Environmental Control</i>	Earth atmosphere Air pollution Environment protection Pollution control	ALENCA
x 08-24	15-19 February	Washington, D.C. (US)	Year 1991 AAAS Annual Meeting (Earth Sciences)	Geophysics Earth atmosphere Earth resources survey Meteorology	AAAS
08-25	1-26 May	Geneva (CH)	OMM 11th World Meteorological Congress	Earth atmosphere Geophysics Meteorology Air operations Airline operations	OMM

x	08-26	11-24 August	Vienna (AU)	IUGG 20th Quadriennial General Assembly on Geodesy and Geophysics	Geophysics Earth atmosphere Meteorology Aeronomy	IUGG
xx	08-27	August	Washington, D.C. (US)	Year 1992 COSPAR 29th Plenary Meeting and Associated Activities	Space sciences Geophysics Aeronomy Space environment Scientific satellites	COSPAR

09 -- INFORMATION, DOCUMENTATION AND DATA PROCESSING

No.	Date	Location	Organization and Title	Key Words	Contact
09-01	3-6 July	Bournemouth (UK)	<div>09 -- INFORMATION, DOCUMENTATION AND DATA PROCESSING</div> <p>Year 1989</p> <p>IEE-BCS 7th International Conference on Software Engineering for Telecommunication Switching Systems</p>	Radio communications Satellite communications Information systems Switching Software	IEE BCS
09-02	4-7 July	Harrogate (UK)	IIS Annual Conference on Information Science: the Legal Dimensions of Information	Information systems Data processing Electronic computers Document editing Cost analysis	IIS
09-03	4-7 July	Braunschweig (GE)	IFIP International Symposium on Information Technology Standardization	Information systems Electronic computers Data processing Data transmission Software	IFIP
09-04	17-19 July	Portland, Oregon (US)	ACM International Symposium on Symbolic and Algebraic Computation	Electronic computers Hardware Software Mathematics Data processing	ACM

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09-05	18-20 July	Coventry (UK)	IEE - IERE - IEEE - IOP - EURASIP 3rd International Conference on Image Processing and its Applications	Electronic computers Electro-optics Image processing Television Remote sensing	IEE EURASIP
x	09-06	18-21 July	BLR & DD Information Technology and the Research Process Conference	Information systems Research and development Data processing Electronic computers Data transmission	BLR & DD
09-07	24-27 July	Austin, Texas (US)	SCS Summer Computer Simulation Conference	Computer simulation Computer graphics Data processing Computer aided design Mathematical methods	SCS
09-08	30 July-4 August	Boston, Massachusetts (US)	IEEE (C) - ACM 16th Conference and Exhibition on Computer Graphics and Interactive Techniques	Electronic computers Data processing Image processing Computer graphics Computer aided design	IEEE ACM
x	09-09	31 July-4 August	IFIP Working Conference on Methodologies of Training Data Processing Professionals and Advanced End Users	Data processing Electronic computers Education Human factors	IFIP
x	09-10	13-18 August	IFIP 5th International Working Conference on Stochastic Programming	Electronic computers Software Data processing Data transmission	IFIP

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 09-11	14-16 August	Edmonton, Alberta (CA)	Year 1989 ACM Symposium on Principles of Distributed Computing	Electronic computers Software Data processing Data transmission	ACM
x 09-12	16-19 August	Beijing (CN)	IFIP 3rd Pan Pacific Computer Conference	Electronic computers Information systems Data processing Hardware Software	IFIP
x 09-13	20-25 August	Paris (FR)	IFLA 55th Council and General Conference Libraries and Information in Today's Economy	Information systems Document editing Data transmission Electronic computers Software	IFLA
09-14	20-26 August	Detroit, Michigan (US)	IJCAI International Conference on Artificial Intelligence	Electronic computers Automatic control Data processing Pattern recognition Voice communication	IJCAI
x 09-15	21-25 August	Napa Valley, California (US)	IFIP Working Conference on Engineering for Human-Computer Interaction	Human factors Electronic computers Interfaces Engineering design	IFIP

09-16	22-25 August	Amsterdam (NL)	OBA International Conference on Very Large Databases	Data processing Electronic computers Software Information systems	OBA
09-17	28 August- 1 September	San Francisco, California (US)	IFIP 11th World Congress on Computers	Electronic computers Information systems Data processing Image processing Hardware Software	IFIP
09-18	September	Laxenburg (AU)	IFIP Working Conference on Human Factors in CAD	Computer aided design Human factors Engineering design Electronic computers Computer graphics	IFIP
09-19	4-8 September	Cologne (GE)	EUROMICRO 15th Symposium on Microprocessing and Microprogramming	Microprocessors Electronic computers Software Hardware Data processing	EUROMICRO
09-20	5-7 September	Southampton (UK)	CMI International Conference on Applications of Supercomputers in Engineering	Electronic computers Computer simulation Computer aided design Software Engineering design	CMI

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09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 09-21	5-8 September	Edinburgh (UK)	SCS 3rd European Congress on Simulation Year 1989	Electronic computers Computer simulation Data processing Computer graphics Computer aided design	SCS
09-22	11-14 September	Antibes (FR)	INRIA — CNRS Congrès International sur l'Analyse des Données et l'Apprentissage de Connaissances Symboliques et Numériques	Electronic computers Information systems Data processing Data evaluation Statistics	INRIA CNRS
x 09-23	15-16 September	Singapore (SG)	NTI International Conference on Computer Graphics	Computer graphics Electronic computers Image processing Data processing Computer aided design	NTI
x 09-24	18-20 September	Gloucester (UK)	IERE 2nd International Conference on Software Engineering for Real Time Systems	Electronic computers Software Engineering design Data processing Real time operation	IERE

09-25	20-22 September	Baden-Baden (GE)	VDE - AFCET 4th International Conference on Fault-Tolerant Computing Systems	Electronic computers Data processing Automatic control Reliability Software	VDE AFCET
x	09-26	Braunschweig (GE)	VDE Messung, Modellierung und Bewertung von Rechensystemen und Netzen Fachtagung	Electronic computers Measurement techniques Computer simulation Data processing Network analysis	VDE
09-27	29 September - 1 October	Madrid (SP)	IFAC - IFIP - IMACS 6th Symposium on Information Control Problems in Manufacturing Technology	Information systems Fabrication processes Automatic control Data processing Computer simulation	IFAC IFIP
x	09-28	Rye Brook, New York (US)	IEEE (C-CAS) 1989 International Conference on Computer Design	Electronic computers Data processing Hardware Software Engineering design	IEEE
xx	09-29	Stuttgart (GE)	VDE Mikroelektronik für die Informationstechnik Fachtagung	Microprocessors Electronic systems Information systems Electronic computers Hardware Fabrication processes	VDE

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 09-30	2-4 October	Hamburg (GE)	Year 1989 VDE Mustererkennung Symposium	Pattern recognition Image processing Data processing Electro-optics	VDE
x 09-31	2-4 October	Cambridge, Massachusetts (US)	IEEE (C-CAS-ED) International Conference on Computer Design: VLSI in Computers and Processors	Electronic computers Microprocessors Integrated circuits Engineering design Hardware	IEEE
09-32	2-5 October	Tokyo (JA)	IFIP-IFAC 3rd International Conference on Computer Applications in Production and Engineering	Electronic computers Data processing Fabrication processes Automatic control Computer aided design	IFIP IFAC
09-33	4-6 October	Monterey, California (US)	AIAA 7th Computers in Aerospace Conference	Electronic computers Data processing Avionics Missile systems Spacecraft systems	AIAA

09-34	16-20 October	Brussels (BE)	AGARD/TIP 45th Panel Meeting and Specialists' Meeting on Electronic Transfer of Information and its Impact on Aerospace Research and Development	Information systems Electronic computers Data transmission Aerospace industry Research and development	AGARD*
09-35	18-20 October	Long Island, New York (US)	IEEE (PC) International Professional Communication Conference	Information systems Satellite communications Data transmission Computer graphics Network analysis	IEEE
09-36	18-20 October	Namur (BE)	IFIP Working Conference on Information System Concepts: An In-depth Analysis	Information systems Data processing Electronic computers Systems analysis	IFIP
09-37	20-22 October	Berlin (DR)	IFIP Conference on Real-Time Programming	Real time operations Software Electronic computers Data processing	IFIP
09-38	23-25 October	Beijing (CN)	SCS International Computer Simulation Conference	Electronic computers Computer simulation Data processing Computer aided design Computer graphics	SCS
09-39	31 October-2 November	London (UK)	IIS 6th Annual State-of-the-Art Conference and Exhibition Text Retrieval	Information systems Data processing Electronic computers Software	IIS

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 09-40	7-9 November	London (UK)	Year 1989 ONLINE Computer Graphics Exhibition and Conference	Computer graphics Electronic computing Image processing Data processing	ONLINE
x 09-41	7-9 November	Chicago, Illinois (US)	OLI Annual Conference on On-Line	Electronic computers Data processing Software Hardware Information systems	OLI
x 09-42	15-16 November	Ulm (GE)	VDE Softwaretechnik in Automatisierung und Kommunikation — Wiederverwendbarkeit von Software Fachtagung	Software Electronic computers Automatic control Radio communications Optical communications	VDE
x 09-43	22-24 November	Bombay (IN)	IEEE (C-COM-IE) Information Technologies for the 90s	Information systems Electronic computing Data processing Data transmission	IEEE
x 09-44	27 November—1 December	Paris (FR)	AFCET—INRIA 7ème Congrès sur La Reconnaissance des Formes et l'Intelligence Artificielle	Pattern recognition Automatic control Cybernetics Image processing Electronic computers	AFCET INRIA

x	09-45	4-6 December	Monterey, California (US)	AIAA 7th Conference on Computers in Aerospace	Electronic computers Aircraft systems Spacecraft systems Avionics Software	AIAA
x	09-46	12-13 December	Paris (FR)	AFCET Conférence Internationale sur Ada: Intégration et Interfaçages	Electronic computers Data processing Computer graphics Interface; Information systems Software	AFCET
x	09-47	12-14 December	London (UK)	LI 13th International Online Information Meeting	Information systems Electronic computers Data transmission Document editing Software	LI
Year 1990						
	09-48	14-19 January	San Diego, California (US)	IEEE (IT) International Symposium on Information Theory	Information systems Data processing Data transmission Mathematics Statistics	IEEE
xx	09-49	March	Amsterdam (NL)	IFIP Conference on Knowledge-Based System Design Tools	Computer aided design Engineering design Electronic computers Software	IFIP

09 — INFORMATION, DOCUMENTATION AND DATA PROCESSING (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 09-50	26-30 March	Nice (FR)	Year 1990 IEEE-ACM-AFCET 12th International Conference on Software Engineering	Electronic computers Software Data processing Research and development	IEEE ACM AFCET
xx 09-51	June	Newcastle (UK)	IFIP 18th Workshop on Reliable Computing and Fault Tolerance	Electronic computers Reliability Software Hardware	IFIP
x 09-52	5-7 June	Schaerding (AU)	IFIP Working Conference on Human Factors in Information Systems: Analysis and Design	Information systems Human factors Electronic computers Software	IFIP
09-53	20-29 June	Orlando, Florida (US)	IEEE (C)-ACM Design Automation Conference	Computer aided design Electronic computers Automatic control Computer graphics Engineering design	IEEE
xx 09-54	August	Venice (IT)	IFIP Symposium on International Computer Message Systems	Electronic computers Data transmission Data processing Software	IFIP

x	09-55	17-20 September	Bournemouth (UK)	IIS-ASLIB-COPOL-LA-Soc. Archivists Joint Conference and Exhibition Information 90	Information systems Data processing Hardware Software Electronic computers	IIS ASLIB
	09-56	31 August- 4 September	Madrid (SP)	Year 1992 IFIP 12th World Computer Congress	Electronic computers Information systems Data processing Software Image processing Hardware	IFIP

10 -- GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS

No.	Date	Location	Organization and Title	Key Words	Contact
			<div>10 – GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS</div>		
			Year 1989		
10-01	20–21 July	Dayton, Ohio (US)	AIAA 1st National Aero-Space Plane Conference	Aircraft aerodynamics Aircraft Spacecraft Engineering design	AIAA
10-02	20–22 July	Tysons Corner, Virginia (US)	AIAA–NASA International Technical Symposium on The Space Station	Space station Spacecraft systems Space operations Engineering design	AIAA NASA
10-03	24–28 July	Los Angeles, California (US)	UCLA International Cryogenic Engineering and Materials Conference	Cryogenics Materials Superconductivity Spacecraft propulsion Space sciences	UCLA
10-04	25–27 July	Seattle, Washington (US)	ASNT Industrial Computerized Tomography Conference	Non-destructive testing Radiography Electronic computers Materials Aircraft structures Spacecraft structures	ASNT

x	10-05	26-27 July	Anahim, California (US)	AIAA - NASA Symposium on Maintainability of Aerospace Systems	Aircraft systems Spacecraft systems Missile systems Maintainability Engineering design	AIAA NASA
x	10-06	31 July- 1 August	Pasadena, California (US)	JPL Space Cryogenic Workshop	Cryogenics Superconductivity Thermodynamics Space sciences	JPL
	10-07	31 July- 3 August	Seattle, Washington (US)	AIAA - AHS Aircraft Design, Systems and Operations Meeting and Applied Aerodynamics Conference	Aircraft aerodynamics Aircraft systems Engineering design Air operations Helicopters	AIAA AHS
x	10-08	27-31 August	Washington, D.C. (US)	IEEE (CS) International Conference on Testing	Automatic test equipment Instruments Electronic computers Ground testing Flight testing	IEEE
x	10-09	10-15 September	Oxford (UK)	ASE 7th European Symposium on Materials and Fluid Sciences in Microgravity	Space environment Materials Mechanical properties Fluid mechanics Fluid systems	ASE (ESA)

10 - GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
10-10	12-24 September	Toulouse (FR)	Year 1989 CNES-ASE 2e Symposium Européen sur Les Opérations en Orbite et la Technologie Spatiale	Space operations Fabrication processes Scientific satellites Spacecraft Space sciences	CNES ASE (ESA)
10-11	19-21 September	Cherry Point, North Carolina (US)	AHS V/STOL Conference	V/STOL aircraft Aircraft structures Aircraft aerodynamics Aircraft propulsion Aircraft systems	AHS
10-12	25-28 September	Anaheim, California (US)	SAE Aerospace Technology Conference and Exposition	Aircraft Spacecraft Missiles Engines Engineering design	SAE
10-13	25-28 September	Toulouse (FR)	CNES Symposium Aragatz (Vol de longue durée)	Space operations Spacecraft propulsion Spacecraft Spacecraft systems	CNES

x	10-14	27-28 September	Baden-Baden (GE)	VDE Magnetische Werkstoffe, Varistoren und Supraleiter: Anwendungen und Entwicklungsstendenzen	Magnetic materials Electrical systems Electronic systems Superconductivity Research and development	VDE
x	10-15	3-5 October	Monterey, California (US)	AIAA Conference on Computers in Aerospace VII	Electronic computers Aircraft systems Spacecraft systems Data processing Hardware Software	AIAA
	10-16	7-13 October	Beijing (CN)	IAF-IAA 40th International Astronautical Congress The Next 40 Years in Space	Space sciences Space operations Space station Spacecraft Satellite communications	IAF IAA
x	10-17	18-20 October	Williamsburg, Virginia (US)	AHS HELMOT IV (Military Helicopter Technology)	Helicopters Military aircraft Engineering design Flight control	AHS
x	10-18	23-27 October	Paris (FR)	CNES Colloque International Premiers Résultats de la Mission Phobos et Futures Missions d'Exploration de Mars	Space operations Space sciences Space environment Spacecraft	CNES

10 — GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 10-19	31 October -- 3 November	Birmingham (UK)	Year 1989 IME Aerotech '89 Congress and Exhibition	Aeronautics Aircraft Aircraft systems Avionics Engineering design	IME
10-20	1-4 November	Ann Arbor, Michigan (US)	AIAA Conference on Aircraft Design: Centennial Lessons Learned	Aircraft aerodynamics Aircraft structures Aircraft propulsion Aircraft systems Engineering design	AIAA
x 10-21	6-8 November	Strasbourg (FR)	ANAF-DGIR European Symposium on Future Supersonic/Hypersonic Transportation Systems	Aircraft Engineering design Research and development Hypersonic flow Supersonic flow	ANAF DGIR
x 10-22	6-8 November	Los Angeles, California (US)	AAS 3rd Pacific Basin International Symposium Space Utilization and Applications in the Pacific	Space operations Spacecraft Space station Observation satellites Satellite communications	AAS

x	10-23	16-17 November	Washington, D.C. (US)	AAAS Colloquium on Science, Arms Control and National Security	Strategic warfare Tactical warfare Logistics Research and development Arms (munitions)	AAAS
x	10-24	16-17 November	New Delhi (IN)	ALENCA International Conference on Analytical Chemistry, Biochemistry/Biotechnology, Thermal Analysis, Air/Water and Environmental Pollution	Chemical analysis Biology Thermal analysis Air pollution Environment protection	ALENCA
x	10-25	5-6 December	London (UK)	SPG International Conference and Exhibition World Aerospace Exhibition	Aircraft Spacecraft Engineering design Fabrication processes Aerospace industry	SPG
				Year 1990		
	10-26	8-11 January	Reno, Nevada (US)	AIAA 28th Aerospace Sciences Meeting and Exhibition	Aircraft Spacecraft Missiles Engines Space sciences	AIAA
	10-27	4-6 February	Dallas, Texas (US)	HAI Annual Meeting and Industry Exposition	Helicopters Aircraft aerodynamics Aircraft propulsion Aircraft structures Aircraft systems	HAI

10 - GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 10-28	13-15 February	San Jose, California (US)	Year 1990 IEEE (IM-SCV) Instrumentation and Measurement Technology Conference	Instruments Measurement techniques Space sciences Aerospace industry	IEEE
x 10-29	13-15 February	Los Angeles, California (US)	AIAA Aerospace Engineering Conference and Exhibition	Aircraft Spacecraft Engineering design Missiles Engines	AIAA
xx 10-30	March/April	Colorado Springs, Colorado (US)	AIAA 3rd Symposium on Space Logistics	Logistics Space operations Space station Spacecraft propulsion	AIAA
10-31	21-23 May	Washington, D.C. (US)	AHS 46th Annual Forum and Technology Display	Helicopters Aircraft structures Aircraft aerodynamics Aircraft propulsion Aircraft systems	AHS
x 10-32	18-22 June	Lannion (FR)	CNET-ASE-CEA-CNES-DGA 7e Colloque Internationale de Fiabilité et de Maintainabilité	Spacecraft Spacecraft structures Spacecraft systems Reliability Maintainability	CNET ASE(ESA) CEA CNES

10-33	9-13 September	Washington, D.C. (US)	IEEE(C) International Test Conference	Electronic computers Automatic test equipment Data processing Ground testing Maintainability	IEEE
x	10-34	18-21 September Huntsville, Alabama (US)	AIAA Conference on Space Programs and Technologies	Space operations Spacecraft Spacecraft systems Space station Engineering design	AIAA
	10-35	6-12 October Dresde (DR)	IAF-IAA 41st International Astronautical Congress	Space sciences Space operations Space station Spacecraft Satellite communications	IAF IAA
x	10-36	15-17 October Karlsruhe (GE)	VDE Eurosensors 1990 Information Technology Group and Measurement and Automation Group Specialist Meeting	Information systems Data processing Measurement techniques Automatic control Sensors Data evaluation	VDE
xx	10-37	November Toulouse (FR)	ANAE 4e Colloque sur La Sécurité Aérienne et Spatiale	Spacecraft Aircraft Reliability Aircraft systems Spacecraft systems	ANAE

10 - GENERAL (INTERDISCIPLINARY) AND OTHER TOPICS (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
10-38	7-10 January	Reno, Nevada (US)	AIAA 29th Aerospace Sciences Meeting and Exhibition Year 1991	Aircraft Spacecraft Missiles Engines Space sciences	AIAA
10-39	27-29 January	Anaheim, California (US)	HAI Annual Meeting and Industry Exposition	Helicopters Aircraft aerodynamics Aircraft propulsion Aircraft structures Aircraft systems	HAI
10-40	12-14 February	Los Angeles, California (US)	AIAA Aerospace Engineering Conference and Exhibition	Aircraft Spacecraft Missiles Engineering design Engines	AIAA
10-41	30 April-2 May	Crystal City, Virginia (US)	AIAA Annual Meeting and Aerospace Exhibition	Aircraft Spacecraft Missiles Engines Avionics	AIAA

10-42	6-8 May	Phoenix, Arizona (US)	AHS 47th Annual Forum and Technology Display	Helicopters Aircraft structures Aircraft aerodynamics Aircraft propulsion Aircraft systems	AHS
xx					
10-43	January	Reno, Nevada (US)	Year 1992 AIAA Aerospace Sciences Meeting and Exhibition	Aircraft Spacecraft Missiles Engines Space sciences	AIAA
10-44	1-3 March	Las Vegas, Nevada (US)	HAI Annual Meeting and Industry Exposition	Helicopters Aircraft aerodynamics Aircraft propulsion Aircraft structures Aircraft systems	HAI
10-45	September	Washington, D.C. (US)	IAF 43e Congrès International d'Aéronautique – Symposium sur Le Droit de l'Espace Extra- Terrestre	Space environment Space science Space operations Spacecraft Laws	IAF
xx					
10-46	28 February – 2 March	New Orleans, Louisiana (US)	Year 1993 HAI Annual Meeting and Industry Exposition	Helicopters V/STOL aircraft Aircraft aerodynamics Aircraft structures Aircraft propulsion	HAI
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11 - EXHIBITIONS AND DISPLAYS

No.	Date	Location	Organization and Title	Key Words	Contact
			<div>11 - EXHIBITIONS AND DISPLAYS</div> <div>Year 1989</div>		
11-01	18-23 September	Beijing (CN)	ASES International Exhibition on Telecommunications, Office Automation and Computers	Radio communications Electronic computers Data transmission Hardware Software	ASES
11-02	31 October-4 November	Tokyo (JA)	JASC Japan International Aerospace Exhibition	Aircraft Spacecraft Aeronautics Aircraft systems Spacecraft systems Aerospace industry	JASC
11-03	14-19 January	Los Angeles, California (US)	<div>Year 1990</div> <div>SPIE Optics, Electro-optics and Laser Applications in Science and Engineering Exhibition</div>	Optical systems Electro-optics Lasers Stimulated emission devices	SPIE

x	11-04	4-9 February	Newport Beach, California (US)	SPIE Medical Imaging Exhibition	Space medicine Aviation medicine Image processing Radiography Ultrasonics	SPIE
x	11-05	18-23 March	San Diego, California (US)	SPIE Advances in Semiconductors and Superconductors: Physics toward Device Applications Exhibition	Semiconductors Superconductivity Solid state devices Research and development	SPIE
	11-06	8-15 October	Geneva (CH)	Year 1991 UIT - IEEE - VDE - SEE 6th World Exposition and Forum on Telecommunications	Radio communications Satellite communications Optical communications Television Data transmission	UIT IEEE

12 -- EDUCATIONAL COURSES

No.	Date	Location	Organization and Title	Key Words	Contact
			<div style="border: 1px solid black; padding: 5px; display: inline-block;">12 -- EDUCATIONAL COURSES</div> Year 1989		
12-01	1-15 July	Erice (IT)	NATO--ASI on Recent Developments in High-Tc Superconductivity	Superconductivity Research and development Theoretical physics Cryogenics	NATO
12-02	9-15 July	Southampton (UK)	SU Short Course on Spacecraft Systems	Space sciences Spacecraft systems Flight control Electronic systems Engineering design	SU
12-03	10-14 July	Cranfield (UK)	CIT Short Course on Gas Turbine Combustion	Gas turbine engines Combustion Aircraft propulsion Engineering design Heat transfer	CIT
12-04	10-14 July	NASA Ames, California (US)	AGARD/FDP Special Course No.2 on Three-Dimensional Supersonic/Hypersonic Flows with Separation	Fluid mechanics Hypersonic flow Supersonic flow Boundary layers Aircraft aerodynamics Spacecraft aerodynamics	AGARD*

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12-05	16-29 July	Il Ciocco (IT)	NATO — ASI on Recent Advances in Fourier Analysis and its Applications	Mathematics Information systems Numerical analysis Optical systems Electronic systems	NATO
12-06	16-29 July	Maratea (IT)	NATO — ASI On Active Perception and Robot Vision	Fabrication processes Spacecraft systems Automatic control Sensors Vision	NATO
12-07	17-21 July	Udine (IT)	CISM Course on Mechanics of Impact Energy Absorption	Dynamic loads Aircraft structures Spacecraft structures Structural loads	CISM
12-08	17-21 July	Cranfield (UK)	CIT Short Course on Control Techniques for Gas Turbines	Gas turbine engines Automatic control Electronic systems Microprocessors Aircraft propulsion	CIT
12-09	17-29 July	Bonas (FR)	NATO — ASI on Speech Production and Speech Modelling	Electronic computers Data processing Voice communication Mathematical models Computer simulation	NATO

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12 - EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-10	24 July	Seattle, Washington (US)	ASNT Short Course on Fundamentals of Computerized Tomography Year 1989	Non-destructive testing Radiography Electronic computers Materials Aircraft structures Spacecraft structures	ASNT
x 12-11	25 July- 6 August	Marktoberdorf (GE)	NATO-ASI on Logic, Algebra and Computation	Data processing Electronic computers Mathematical models Information systems	NATO
x 12-12	1-3 August	Washington, D.C. (US)	GWU Short Course on Advanced Radar Technology	Ground radars Airborne radars Engineering design Research and development	GWU
x 12-13	7-11 August	Snowbird, Utah (US)	NATO-ARW on Real-Time Integration Methods for Mechanical System Simulation	Mechanical devices Electronic computers Real time operation Computer simulation Systems engineering	NATO
x 12-14	7-11 August	Cambridge, Massachusetts (US)	MIT Summer Course on Fundamentals of Flight Simulation	Flight simulators Aircraft Spacecraft Ground testing	MIT

x	12-15	13-26 August	Bad Windsheim (GE)	NATO—ASI on High Temperature Superconductors ~ Physics and Materials Science	Electrical systems Superconductivity Heat transfer Magnetic materials Electromagnetism	NATO
x	12-16	14-26 August	Istanbul (TU)	NATO—ASI on New Frontiers of Quantum- Electrodynamics and Quantum-Optics	Quantum mechanics Electro-optics Electronic systems Optical properties	NATO
x	12-17	21-25 August	Lyngby (DA)	NATO—ARW on Mapping and Spatial Modelling for Navigation	Navigation Mapping Mathematical models Computer simulation	NATO
x	12-18	21 August— 2 September	Saint Etienne (FR)	CNET 14 e Ecole d'Ete du Forez Intelligence Artificielle et Programmation par Contraintes	Electronic computers Automatic control Pattern recognition Data processing Software	CNET
x	12-19	24-28 August	Grenoble (FR)	NATO—ARW on Multisensor Fusion for Computer Vision	Electronic computers Sensors Image processing Vision Data processing	NATO

12 -- EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-20	25--31 August	Brest (FR)	<p>Year 1989</p> <p>CNES Stage d'Information sur Les Sciences et Techniques Spatiales à l'Intention des Professeurs de Sciences Physiques et Géographie</p>	<p>Space sciences</p> <p>Spacecraft</p> <p>Spacecraft systems</p> <p>Engineering design</p> <p>Geophysics</p>	CNES
12-21	28 August-- 1 September	Maratea (IT)	NATO--ARW on Traditional and Non-Traditional Robotic Sensors	<p>Fabrication processes</p> <p>Spacecraft systems</p> <p>Automatic control</p> <p>Sensors</p> <p>Electro-optics</p>	NATO*
x 12-22	28 August-- 9 September	Lucca (IT)	NATO--ASI on Applied Laser Spectroscopy	<p>Lasers</p> <p>Spectroscopy</p> <p>Materials</p> <p>Electronic measurements</p> <p>Molecular structures</p>	NATO
xx 12-23	September	Mons (BE)	NATO--ARW on Opportunities in Electronics, Opto-Electronics and Molecular Electronics	<p>Electronic systems</p> <p>Molecular structures</p> <p>Electro-optics</p> <p>Solid state devices</p>	NATO
xx 12-24	September	Florida (US)	NATO--ARW on Computer-Supported Collaborative Learning	<p>Electronic computers</p> <p>Software</p> <p>Computer simulation</p> <p>Computer graphics</p> <p>Education</p>	NATO

12-25	3-15 September	Atavilla Milicia (IT)	NATO - ASI on Chemistry and Physics of the Molecular Processes in Energetic Materials	Pyrotechnics Solid propellants Liquid propellants Molecular structures Explosions	NATO
12-26	3-16 September	Southampton (UK)	SU Short Course on Spacecraft Technology	Space sciences Spacecraft aerodynamics Spacecraft structures Spacecraft propulsion Engineering design	SU
12-27	4-8 September	Preveza (GR)	NATO - ASI From Geometry to Thermodynamics: Common Problems of Quasi-Crystals, Liquid Crystals and Incommensurate Insulators	Materials Insulation Liquid crystals Thermodynamics	NATO
12-28	4-15 September	Cargese (FR)	NATO - ASI on Patterns, Defects and Materials Instabilities	Solid mechanics Materials Molecular structures Crystallography	NATO
12-29	4-29 September	Toulouse (FR)	CNES Stage d'Initiation à la Téledétection	Remote sensing Electronic systems Observation satellites Data transmission	CNES
12-30	10-15 September	Southampton (UK)	SU Short Course on Hypersonic Vehicle Aerothermodynamics	Missile aerodynamics Spacecraft aerodynamics Thermodynamics Hypersonic flow Thermal analysis	SU

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12 - EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-31	11-14 September	Cranfield (UK)	Year 1989 CIT Short Course on Optical Sensors and Systems	Inviscid flow Viscous flow Measurement techniques Optical systems Sensors	CIT
x 12-32	11-15 September	Varese (IT)	CCR Short Course on Cellular Automata: Methods and Applications	Information systems Electronic computers Hardware Data processing Mathematical models	CCR
x 12-33	11-15 September	Columbus, Ohio (US)	NACE Short Course on Laboratory Corrosion Testing	Corrosion Materials Research and development Measurement techniques Data evaluation	NACE
x 12-34	11-22 September	Castera Verdun (FR)	NATO-ASI on Electronic Properties of Multilayers and Low Dimensional Semiconductor Structures	Semiconductors Integrated circuits Electronic systems Solid state devices Interfaces	NATO

x	12-35	11-23 September	Barga (IT)	NATO—ASI on The Molecular Dynamics of Liquid Crystals	Liquid crystals Molecular structures Display devices Research and development	NATO
x	12-36	11 September— 30 June (90)	Toulouse (FR)	CNES Cycle d'Enseignement de la Télédétection	Remote sensing Electronic systems Observation satellites Data transmission	CNES
x	12-37	12-14 September	Cranfield (UK)	CIT Short Course on Assessment and Significance of Defects in Structures	Fracture mechanics Aircraft structures Spacecraft structures Welding Stress analysis	CIT
	12-38	17-23 September	Southampton (UK)	SU Short Course on Automatic Control (Aerospace)	Aircraft systems Spacecraft systems Flight control Guidance Automatic control	SU
	12-39	18-22 September	Manchester (UK)	NATO—ARW on Physics and Chemistry of Carbides, Nitrides and Borides	Materials Metal compounds Mechanical properties Chemical analysis	NATO*

12 - EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
12-40	18-22 September	Lisbon (PO)	Year 1989 CCR Short Course on Structural Reliability	Reliability Structural loads Stress analysis Mathematical models Software	CCR
12-41	25-28 September	Cranfield (UK)	CIT Short Course on Optical Measurement Techniques for Internal Flows	Gas turbine engines Gas dynamics Measurement techniques Optical systems Lasers	CIT
12-42	25-28 September	Cranfield (UK)	CIT Short Course on Introduction to Flow Measurement	Fluid mechanics Inviscid flow Measurement techniques Fluid systems Instruments Viscous flow	CIT
12-43	25-29 September	Rhode-St. Genèse (BE)	VKI Advanced Course on Computer Graphics and Flow Visualization in Computational Fluid Dynamics	Fluid mechanics Gas dynamics Numerical analysis Computer graphics Flow visualization	VKI

x	12-44	25 September— 6 October	Ottobrun (GE)	IABG EURO/NATO Training Weapon Systems Management Course	Military aircraft Logistics Management Missiles Spacecraft	IABG
x	12-45	28 September— 29 June (90)	Rhode-St. Genèse (BE)	VKI Diplome Post-Universitaire de Dynamique des Fluides	Fluid mechanics Gas dynamics Research and development Numerical analysis Aircraft aerodynamics	VKI
x	12-46	29 September— 2 October	Alexandria, Virginia (US)	AIAA Course on Aircraft Conceptual Design	Aircraft Engineering design Aircraft structures Aircraft systems Aircraft propulsion	AIAA
xx	12-47	18—20 October	Pensacola, Florida (US)	AGARD/AMP Short Course on Neurological, Psychiatric and Psychological Aspects of Aerospace Medicine	Aviation medicine Space medicine Psychology Flight crews	AGARD*
xx	12-48	25—27 October	Brussels (BE)	AGARD/AMP Short Course on Neurological, Psychiatric and Psychological Aspects of Aerospace Medicine	Aviation medicine Space medicine Psychology Flight crews	AGARD*
xx	12-49	30 October— 1 November	Ankara (TU)	AGARD/AMP Short Course on Neurological, Psychiatric and Psychological Aspects of Aerospace Medicine	Aviation medicine Space medicine Psychology Flight crews	AGARD*

12 -- EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-50	2-5 October	Cranfield (UK)	Year 1989 CIT Short Course on Instrumentation Systems for Research and Development	Instruments Measurement techniques Fluid systems Research and development	CIT
x 12-51	2-6 October	Oberpfaffenhofen (GE)	CCG Course on Microwave Antenna Technology for Radar and Communication	Microwaves Antennas Radio communications Airborne radars Ground radars	CCG
x 12-52	2-27 October	Toulouse (FR)	CNES Course on Remote Sensing	Remote sensing Observation satellites Electronic systems Data transmission	CNES
12-53	9-20 October	Çeşme (TU)	NATO -- ASI on Metal Speciation in the Environment	Materials Metals Earth atmosphere Air pollution Chemical analysis	NATO
x 12-54	9-27 October	Cranfield (UK)	CIT Short Course on Aircraft Gas Turbine Theory and Design	Gas turbine engines Aircraft propulsion Engineering design Non-destructive testing Measurement techniques	CIT

x	12-55	16-20 October	Cranfield (UK)	CIT Short Course on Stressing and Vibration of Turbomachinery	Gas turbine engines Turbines Stress analysis Vibration Numerical analysis Engineering design	CIT
x	12-56	23-27 October	Varese (IT)	CCR Short Course on Imaging Spectroscopy: Fundamentals and Prospective Applications	Remote sensing Image processing Spectroscopy Electro-optics Instruments	CCR
x	12-57	23-27 October	Cranfield (UK)	CIT Short Course on Fluid Mechanics and Flow Instrumentation	Fluid mechanics Inviscid flow Measurement techniques Instruments Viscous flow Fluid systems	CIT
	12-58	30 October - 3 November	Il Ciocco (IT)	NATO - ARW on Sensory Systems for Robotic Control	Fabrication processes Spacecraft systems Automatic control Sensors Systems engineering	NATO*
	12-59	30 October - 3 November	Washington, D.C. (US)	GWU Short Course on Communications Satellite Engineering	Satellite communications Radio communications Data transmission Television Electro-optics	GWU

12 - EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-60	6-10 November	Cranfield (UK)	Year 1989 CIT Short Course on Introduction to Flight Simulation	Flight simulators Avionics Electronic computers Software Flight control	CIT
x 12-61	6-10 November	Cranfield (UK)	CIT Short Course on Compressor Design and Performance	Compressors Engineering design Performance prediction Gas turbine engines Gas dynamics	CIT
x 12-62	6-10 November	Cranfield (UK)	CIT Short Course on Fluid Flow Computations for Engineers	Fluid mechanics Fluid systems Viscous flow Inviscid flow Numerical analysis Engineering design	CIT
x 12-63	6-17 November	Cranfield (UK)	CIT Short Course on Accident Investigation for Air Crew and Operations Executives	Accident investigation Air operations Flight crews Human factors Aircraft safety	CIT

x	12-64	6 November— 9 February (90)	Toulouse (FR)	CNES Cycle d'Etude du Traitement des Images de Télédétection	Remote sensing Image processing Electronic systems Observation satellites	CNES
x	12-65	13 November— 8 December	Toulouse (FR)	CNES Stage d'Initiation à La Télédétection	Remote sensing Electronic systems Observation satellites Data transmission	CNES
x	12-66	15—17 November	Cranfield (UK)	CIT Short Course on Basic Practical Signal Processing	Signal processing Microwaves Image processing Electromagnetic propagation	CIT
x	12-67	20—24 November	Cranfield (UK)	CIT Short Course on Rotor Dynamics	Vibration Stress analysis Gas turbine engines Compressors Engineering design	CIT
x	12-68	20—24 November	Cranfield (UK)	CIT Short Course on Engineering Heat Transfer	Heat transfer Engineering design Thermodynamics Numerical analysis Conduction	CIT
x	12-69	20—24 November	Cranfield (UK)	CIT Short Course on Control Techniques for Gas Turbines	Gas turbine engines Automatic control Electronic systems Microprocessors Aircraft propulsion	CIT

12 ~ EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-70	20 November— 1 December	Toulouse (FR)	Year 1989 CNES Stage Télédétection et Systèmes d'Information Géographique	Remote sensing Electronic systems Observation satellites Geophysics Earth resources survey	CNES
x 12-71	27 November— 1 December	Cranfield (UK)	CIT Short Course on Safety Assessment of Aircraft Systems	Aircraft safety Aircraft systems Reliability Airline operations	CIT
x 12-72	4—7 December	Cranfield (UK)	CIT Short Course on Electromagnetic and Ultrasonic Flowmeters	Viscous flow Inviscid flow Measurement techniques Electromagnetism Ultrasonics	CIT
x 12-73	4—8 December	Cranfield (UK)	CIT Short Course on Reliability Analysis	Reliability Failure analysis Aircraft systems Aircraft structures Data evaluation	CIT
12-74	10—16 December	Southampton (UK)	SU Short Course on Spacecraft Systems	Space sciences Spacecraft systems Flight control Electronic systems Engineering design	SU

x	12-75	11-15 December	Cranfield (UK)	CIT Short Course on Introduction to Engineering Dynamics	Dynamic loads Vibration Numerical analysis Aircraft structures Spacecraft structures	CIT
x	12-76	11-15 December	Cranfield (UK)	CIT Short Course on The Fundamentals of Finite Element Methods	Finite element methods Engineering design Computer aided design Stress analysis Computer graphics	CIT
x	12-77	26 February - 23 March	Toulouse (FR)	Year 1990 CNES Stage d'Initiation à La Télédétection		CNES
xx	12-78	April	Bonas (FR)	CNES - IUGS Workshop on Remote Sensing in the Geosciences	Remote sensing Observation satellites Electronic systems Geophysics Earth resources survey	CNES
x	12-79	2-27 April	Toulouse (FR)	CNES Course on Remote Sensing	Remote sensing Electronic systems Observation satellites Data transmission	CNES

12 – EDUCATIONAL COURSES (Cont.)

No.	Date	Location	Organization and Title	Key Words	Contact
x 12-80	23 April— 15 June	Trieste (IT)	Year 1990 ICTP Spring College on Physics of Low-Dimensional Semiconductor Structures	Semiconductors Electronic systems Research and development Solid state devices	ICTP
x 12-81	14—25 May	Trieste (IT)	ICTP College on Earth Flow Modelling: Workshop on Modelling of the Atmospheric Flow Fields	Earth atmosphere Geophysics Flow interactions Mathematical models	ICTP
x 12-82	28 May—8 June	Trieste (IT)	ICTP College on Earth Flow Modelling: Workshop on Atmospheric Physics and Air Pollution Modelling	Earth atmosphere Air pollution Flow interactions Mathematical modelling	ICTP
x 12-83	5—29 June	Toulouse (FR)	CNES Stage d'Initiation à La Télédétection	Remote sensing Electronic systems Observation satellites Data transmission	CNES
x 12-84	10 September— 29 June (91)	Toulouse (FR)	CNES Cycle d'Enseignement de La Télédétection	Remote sensing Electronic systems Observation satellites Data transmission	CNES

PART 3
CHAPITRE 3

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PART 4
CHAPITRE 4

COUNTRY CODE
CODE DES PAYS

AR	Argentina	IT	Italy
AU	Austria	JA	Japan
BA	Bermuda	KE	Kenya
BE	Belgium	LU	Luxembourg
BR	Brazil	ME	Mexico
BU	Bulgaria	MO	Monaco
CA	Canada	NL	Netherlands
CH	Switzerland	NO	Norway
CI	Ivory Coast	NZ	New Zealand
CN	China	OS	Australia
CZ	Czechoslovakia	PA	Pakistan
DA	Denmark	PH	Philippines
DR	Germany	PL	Poland
	(Democratic Republic of)	PO	Portugal
EC	Ecuador	RU	Rumania
EG	Egypt	SA	South Africa
EI	Ireland	SE	Senegal
FI	Finland	SG	Singapore
FR	France	SI	Saudi Arabia
GE	Germany	SP	Spain
	(Federal Republic of)	SU	USSR
GR	Greece	SW	Sweden
HK	Hong Kong	TN	Tunisia
HU	Hungary	TU	Turkey
IC	Iceland	UK	United Kingdom
IL	Israel	US	United States of America
IN	India	VE	Venezuela
IR	Iran	YU	Yugoslavia

PART 5
CHAPITRE 5

LIST OF ORGANIZATIONS
LISTE DES ORGANISMES

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
AAAF	Association Aéronautique et Astronautique de France : 80 rue Lauriston, F-75116 Paris. Tel. (1) 47.04.80.68	FR
AAAS	American Association for the Advancement of Science: 1776 Massachusetts Avenue, NW, Washington, DC 20036	US
AAPM	American Association of Physicists in Medicine: 335 East 45th Street, New York, NY 10017	US
AAS	American Astronautical Society: 6060 Duke Street, Alexandria, VA 22304	US
ACM	Association for Computing Machinery : Conference Coordinator, 11 West 42nd Street, New York, NY 10036. Tel. 212-869-7440	US
ACMC	Advanced Composites Manufacturing Centre: Department of Mechanical Engineering, Plymouth Polytechnic, Drake Circus, Plymouth PL4 8AA	UK
ACS	American Chemical Society : 1155 16th Street, NW, Washington, DC 20036	US
ACSM	American Congress on Surveying and Mapping : 210 Little Falls Street, Falls Church, VA 22046	US
ADPA	American Defense Preparedness Association: Rosslyn Center, Suite 900, 1700 N. Moore Street, Arlington, Virginia	US
AFCEA	Armed Forces Communications and Electronics Association: 1 Skyline Place, Suite 300 5205, Leesburg Pike, Falls Church, VA 22041	US
AF CET	Association Française pour la Cybernétique Economique et Technique : 156 boulevard Péreire, F-75017 Paris. Tel. (1) 47.66.24.19	FR

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
AGARD*	Advisory Group for Aerospace Research and Development : 7 rue Ancelle, F-92200 Neuilly s/Seine. Tel. (1) 47.38.57.95	FR
AGU	American Geophysical Union : 2000 Florida Avenue, N.W., Washington, DC 20009	US
AHS	American Helicopter Society : 217 North Washington Street, Alexandria, VA 22314	US
AIAA	American Institute of Aeronautics and Astronautics 370 L'Enfant Promenade, SW Washington, DC 20024-2518. Tel. (202) 646 7400	US
AICHE	American Institute of Chemical Engineers : 345 East 47th Street, New York, NY 10017	US
ALENCA	Alena Enterprises of Canada : P.O. Box 1779, Cornwall, Ontario, K6H 5V7. Tel. (613) 932-7702	CA
ANAE	Académie Nationale de l'Air et de l'Espace: 1 Avenue Camille Flammarion, F-31500 Toulouse. Tel. 61.58.15.26	FR
APS	American Physical Society : 335 East 45th Street, New York, NY 10017	US
ASA	Acoustical Society of America : 500 Sunnyside Blvd, Woodbury, NY 11797	US
ASE (ESA)	Agence Spatiale Européenne : 8/10 rue Mario Nikis, F-75738 Paris Cedex 15	FR
ASC	Antenna Society of China: c/o Xindian University, 2 Taibe Road, Xian	CN
ASES	Adsale Exhibition Services 21/F Tung Wai, Commercial Building, 109-111 Gloucester Road, Hong Kong	HK
ASLIB	Association for Information Management: 26-27 Boswell Street, London, WC1N 3JZ. Tel. (01) 430-2671	UK

* The various AGARD Panels are as follows :

AMP : Aerospace Medical Panel	FDP : Fluid Dynamics Panel
AVP : Avionics Panel	GCP : Guidance and Control Panel
EPP : Electromagnetic Wave Propagation Panel	PEP : Propulsion and Energetics Panel
FMP : Flight Mechanics Panel	SMP : Structures and Materials Panel
	TIP : Technical Information Panel

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
ASM	American Society for Metals : Metals Park, OH 44073. Tel. (216) 338-5151	US
ASMA	Aerospace Medical Association : National Airport, Washington, DC 20001-4977. Tel. (703) 892-2240	US
ASME	American Society of Mechanical Engineers : 345 East 47th Street, New York, NY 10017	US
ASNT	American Society for Nondestructive Testing : 4153 Arlingate Plaza, Columbus, OH 43228. Tel. (614) 274-6003	US
ASPRS	American Society for Photogrammetry and Remote Sensing : 210 Little Falls Street, Falls Church, VA 22046. Tel. (703) 534-6617	US
ASTM	American Society for Testing and Materials: 1916 Race Street, Philadelphia, PA 19103	US
AVS	American Vacuum Society : 335 East 45th Street, New York, NY 10017	US
BCS	British Computer Society : 13 Mansfield Street, London W1M 0BP	UK
BIRP	Bureau International de Relations Publiques : 25 rue d'Astorg, F-75008 Paris. Tel. (1) 47.42.20.21	FR
BLR&DD	British Library Research and Development Division : 2 Sheraton Street, London W1V 4BH	UK
BMS	Brazilian Microwave Society : Inst. Maija de Tecnologia, Estrada das Lagrimas 2035, 09580 Sa Caetano do Sul, Sao Paulo. Tel. 011/442 1900 Ext. 242	BR
BNSF	Belgian National Science Foundation : Vrije Universiteit Brussel, Faculteit der Toegepaste Wetenschappen, Pleinlaan 2, B-1050, Brussel. Tel. 32-2-641.29.22	BE
CCG	Carl-Cranz-Gesellschaft : Flugplatz, D-8031 Wessling-Oberpfaffenhofen	GE
CCR	Centro Comune di Ricerca (CEEC) : I-21020 Ispra (Varese)	IT
CEA	Commissariat à l'Energie Atomique — CEN Saclay BP n°2, F-91190 Gif-sur-Yvette	FR
CEEC	Commission of the European Economic Communities : DG XII, 200 rue de la Loi, B-1049 Bruxelles	BE

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
CISM	Centre International des Sciences Mécaniques: Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine	IT
CIT	Cranfield Institute of Technology: Cranfield, Bedford MK43 0AL	UK
CMI	Computational Mechanics Institute : Ashurst Lodge, Ashurst, Southampton SO4 2AA. Tel. 44 (0) 42129 3223	UK
CMU	Carnegie-Mellon University : Pittsburgh, PA15213	US
CNES	Centre National d'Etudes Spatiales : Département Publications, 18 Avenue Edouard Belin, F-31055 Toulouse Cedex. Tel. 61.27.34.69	FR
CNET	Centre National d'Etudes des Télécommunications : 38- 40 rue du Général Leclerc, F-92131 Issy-les-Moulineaux. Tel. (1) 45.29.44.44	FR
CNRS	Centre National de la Recherche Scientifique : 15 Quai Anatole France, F-75007 Paris. Tel. (1) 45.55.92.25	FR
COSPAR	ICSU Committee on Space Research : 51 Boulevard de Montmorency, F-75016 Paris. Tel. (1) 45.25.65.92	FR
CRM	Centre de Recherches Métallurgiques: 11 rue Ernest Solvay, B-4000 Liège. Tel. 32 (41) 52 70 50	BE
CSAA	China Society of Aeronautics and Astronautics: 67 South Street, Jiao Daokou, Beijing	CN
DECHEMA	Deutsche Gesellschaft für Chemisches Apparatewesen: P.O. Box 970146, D-6000 Frankfurt am Main 97. Tel. (069) 75 64 235	GE
DFVLR	Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt : Postfach 3267, D-3300 Braunschweig	GE
DGLR	Deutsche Gesellschaft für Luft-und-Raumfahrt : Godesberger Allee 70, D-5300 Bonn 2	GE
DGM	Deutsche Gesellschaft für Metallkunde : Adenauerallee 21, D-6370 Oberursel 1	GE
DMEMU	Department of Mechanical Engineering, Melbourne University: Parkville, Victoria 3052	OS
DOE	US Department of Energy : P.O. Box 62, Oak Ridge, TN 37831. Tel. (615) 576-1301	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
DVS	Deutscher Verband für Schweisstechnik : Postfach 2725, D-4000 Düsseldorf 1. Tel. (0211) 154040	GE
EFC	European Federation of Corrosion : c/o DECHEMA, Postfach 970146, D-6000 Frankfurt am Main 97	GE
EFCE	European Federation of Chemical Engineering : c/o DECHEMA, Postfach 970146, D-6000 Frankfurt am Main 97. Tel. (069) 75 64 235	GE
EPFL	Ecole Polytechnique Fédérale de Lausanne : Département d'Electricité, 16 Chemin de Bellerive, CH-1007 Lausanne	CH
EPS	European Physical Society : P.O. Box 39, CH-1213 Petit Lancy 2	CH
ERA	ERA Technology : Cleeve Road, Leatherhead, Surrey KT22 7SA	UK
EURASIP	European Association for Signal Processing : BP 134, CH-1000 Lausanne 13	CH
EUROMECH	European Mechanics Committee : Secretariat: Hermann-Föttinger Institut für Thermo-und Fluidodynamik, Technische Universität, Strasse des 17 Juni 135, D-1000 Berlin 12	GE
EUROMICRO	European Association for Microprocessing and Microprogramming: c/o Polytechnic of Central London, 115 New Cavendish Street, London W1M 8JS	UK
EUROPTICA	Europtica Services I.C.: 16 av. Bugeaud, 75116 Paris. Tel. 31.1.45.53.26.67. Telex 642632	FR
GAMM	Gesellschaft für Angewandte Mathematik und Mechanik : Technische Universität, Arcisstrasse 21, Pf 202420, D-8000 München 2	GE
GU	Gakushuin University : Department of Physics Mejiro, Tokyo 171. Tel.03-986-0221 Ext 459	JA
GWU	George Washington University : Continuing Engineering Education, 18 St. George's Street, Hanover Square, Mayfair, London W1R 9DE	UK
HAI	Helicopter Association International : 1619 Duke Street, Alexandria, VA 22314-3406. Tel. (703) 683-4646	US

<i>Acronym or Code</i>	<i>Title and Address</i>	<i>Country Code</i>
HKU	Hong Kong University: Department of Mechanical Engineering, Pokfulam Road, Hong Kong	HK
IAA	International Academy of Astronautics : P.O. Box 62, F-75722, Paris Cedex 15. Tel. (1) 45.67.20.18	FR
IABG	IndustrieAnlagen-BetriebsGessellschaft mbH: Tagungszentrum (SLM), Einsteinstr. 20, D 8012 Ottobrunn. Telex 524001	GE
IAF	International Astronautical Federation : 3—5 rue Mario Nikis, F-75015 Paris. Tel. (1) 45.67.42.60	FR
IAMAP	IUGG International Association of Meteorology and Atmospheric Physics : Secretary : S.Ruttenberg, NCAR, P.O. Box 3000, Boulder, CO 80507	US
ICSU	International Council of Scientific Unions : Secretariat: 51 boulevard de Montmorency, F-75016 Paris. Tel. 4525 03 29	FR
ICTP	International Centre for Theoretical Physics : P.O. Box 586, I-34100 Trieste. Tel. 22401	IT
IECEJ	Institute of Electronics and Communications Engineers of Japan : Kikai-Shinko-Kaikan, 5—8 Shibakoen 3 chome Minato-ku, Tokyo 105	JA
IEE	Institution of Electrical Engineers : Conference Services: Savoy Place, London, WC2R 0BL. Tel. (01) 240 1871 Ext. 222	UK
IEEE	Institute of Electrical and Electronics Engineers : Conference Coordination: 345 East 47th Street, New York, NY 10017. Tel. (212) 705-7947	US
IERE	Institution of Electronic and Radio Engineers : Savoy Hill House, Savoy Hill, London, WC2R 0JD. Tel. 01-240-1871 Ext. 246	UK
IFAC	International Federation of Automatic Control : Secretariat: Schlossplatz 12, A-2361 Laxenburg. Tel. (02236) 71447	AU
IFIP	International Federation for Information Processing : Secretariat: 16 place Longemalle, CH-1204 Geneva. Tel. (41) 22 282649	CH
IFLA	International Federation of Library Associations : P.O. Box 95312, 2509CH, The Hague	NL
IFORS	International Federation of Operational Research Societies : c/o McKinsey & Company Inc., 245 Park Avenue, New York, NY 10017	US

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IFS	International Fluidics Services (Conferences) : 35—39 High Street, Kempston, Bedford MK42 7BT	UK
IGTI	International Gas Turbine Institute : 6085 Barfield Road, Suite 207, Atlanta, GA 30328. Tel. 404-847-0072	US
IIS	Institute of Information Scientists : 44 Museum Street, London WC1A 1LY. Tel. (01) 831 8003/8633	UK
IJCAI	International Joint Conferences on Artificial Intelligence : c/o SRI International, Menlo Park, CA 94025	US
IMACS	International Association for Mathematics and Computers in Simulation : Secretariat: Department of Computer Science, Rutgers University, New Brunswick, NJ 08903	US
IME	Institution of Mechanical Engineers : 1 Birdcage Walk, Westminster, London SW1H 9JJ. Tel. (01) 222 7899	UK
INCE	Institute of Noise Control Engineering : P.O. Box 3067, Arlington Branch, Poughkeepsie, NY 12603	US
INRIA	Institut National de Recherche en Informatique et en Automatique : Service des Relations Extérieures, Bureau des Colloques, Domaine de Voluceau, Rocquencourt, B.P. 105, F-78153 Le Chesnay Cedex. Tel. (1) 39.63.55.01	FR
IOC	Institute of Ceramics : Shelton House, Stoke Road, Shelton, Stoke-on-Trent ST4 2DR	UK
IOM	Institute of Metals : 1 Carlton House Terrace, London, SW1Y 5DB	UK
IOP	Institute of Physics : Meetings Officer, 47 Belgrave Square, London, SW1X 8QX. Tel. (01) 235 6111	UK
ISA	Instrument Society of America : 67 Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 27709. Tel. (919) 549-8411	US
ISES	International Solar Energy Society : c/o International Communications Ltd, Kasho Building, Second Floor, 2-14-9 Nihombashi, Chuo-ku, Tokyo 103	JA
IUC	International Union of Crystallography : 5 Abbey Square, Chester CH1 2HU	UK
IUGG	International Union of Geodesy and Geophysics : c/o School of Surveying, University of New South Wales, Kensington, NSW 2033	OS

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IUPAC	International Union of Pure and Applied Chemistry : Secretariat: 2/3 Pound Way, Cowley Centre, Oxford, OX4 3YF	UK
IUPAP	International Union of Pure and Applied Physics : Secretariat: c/o Institute of Theoretical Physics, Fack, S-40220 Göteborg	SW
IUTAM	International Union of Theoretical and Applied Mechanics : Secretariat: c/o Chalmers University of Technology, S-41269 Göteborg	SW
JASC	Japan International Aerospace Show Council : 4-6 Marunouchi 1, Chiyoda-ku, Tokyo 100	JA
JIRA	Japan Industrial Robot Association : 3-5-8 Shiba-koen, Minato-ku, Tokyo 105	JA
JPL	Jet Propulsion Laboratory : California Institute of Technology, Pasadena, CA 91109. Tel. 818-354-2300	US
JSME	Japan Society of Mechanical Engineers : Sanshin Hokusei Building, 4-9 Yoyogi, 2-chome, Shibuya-ku, Tokyo 151	JA
LI	Learned Information : Woodside, Hinksey Hill, Oxford, OX1 5AU	UK
MIT	Massachusetts Institute of Technology : Cambridge, MA 02139	US
NACE	National Association of Corrosion Engineers : P.O. Box 218340, Houston, TX 77218. Tel. (713) 492-0535	US
NASA	National Aeronautics and Space Administration : Headquarters: Washington, DC 20546	US
NATO	North Atlantic Treaty Organization : Scientific Affairs Division, B-1110 Bruxelles. Tel. (32) 02728.41.11	BE
NBS	National Bureau of Standards : Washington, DC 20234	US
NOWEA	Düsseldorfer Messgesellschaft NOWEA : Postfach 32 02 03, D-4000 Düsseldorf 30	GE
NTI	Nanyang Technological Institute : Nanyang Avenue, Singapore 2263	SG
OBA	Organisatie Bureau Amsterdam : Europaplein, 1078 GZ Amsterdam	NL

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OLI	Online Inc. : 11 Tannery lane, Weston Court 06883. Tel. 203-227 8466	US
OMM (WMO)	Organisation Météorologique Mondiale : 41 Avenue Giuseppe Motta, Case Postale No.5, CH-1211 Geneva 20	CH
ONLINE	Blenheim On Line : Blenheim House, Ash Hill Drive, Pinner, Middlesex HA5 2AE	UK
OSA	Optical Society of America : 1816 Jefferson Place, NW, Washington, DC 20036. Tel. (202) 223-8130	US
PCT	Paisley College of Technology : High Street, Paisley, Renfrewshire PA1 2BE	UK
PRI	Plastics and Rubber Institute : 11 Hobart Place, London, SW1W 0HL. Tel. (01) 245 9555	UK
RACI	Royal Australian Chemical Institute : P.O. Box 224, Belmont, Victoria 3216	OS
RAES	Royal Aeronautical Society : 4 Hamilton Place, London, W1V 0BQ. Tel. (01) 499 3515	UK
RIN	Royal Institute of Navigation : c/o Royal Geographical Society, 1 Kensington Gore, London, SW7 2AT. Tel. (01) 589 5021	UK
RSC	Royal Society of Chemistry : Burlington House, London W1V 0BN	UK
SAE	Society of Automotive Engineers : Meetings Division, 400 Commonwealth Drive, Warrendale, PA 15096. Tel. (412) 776-4841	US
SAMPE	Society for the Advancement of Materials and Process Engineering : P.O. Box 2459, Covina, CA 91722. Tel. (818) 331-0616	US
SCS	Society for Computer Simulation : P.O. Box 2228, La Jolla, CA 92038	US
SFT	Société Française des Thermiciens : Institut Français des Combustibles et de l'Energie, rue Henri Heine, 75016 Paris	FR
SFV	Société Française du Vide : 19 rue du Renard, F-75004 Paris. Tel. 278-15-82	FR
SIAM	Society for Industrial and Applied Mathematics : 1405 Architects Building, 117 South 17th Street, Philadelphia, PA 19103	US

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SME	Society of Manufacturing Engineers : 1 SME Drive, P.O. Box 930, Dearborn, MI 48121. Tel. (313) 271-1500	US
SPE	Society of Plastics Engineers : 14 Fairfield Drive, Brookfield Center, CT 06805	US
SPG	Sterling Publishing Group : 10 Wendell Road, London W12 9RT. Tel. 01-743 3106	UK
SPIE	International Society for Optical Engineering : P.O. Box 10, 1022 19th Street, Bellingham, WA 98227-0010. Tel. (206) 676-3290	US
SPSE	Society of Photographic Scientists and Engineers : 7003 Kilworth Lane, Springfield, VA 22151	US
SU	Southampton University : Dept of Aeronautics and Astronautics, Southampton, SO9 5NH	UK
TIIT	Technion-Israel Institute of Technology : Haifa 3200	IL
TU	Tohoku University : Institute for Materials Research, 2-1-1 Katahira, Sendai 980	JA
TUT	Toyohashi University of Technology : Department of Information and Computer Sciences, 1-1 Tenpaku-cho, Aza-Hibarigaoka, Toyohashi Aichi 440	JA
UCB	University of California — Berkeley : Conference Coordinator: Lawrence Berkeley Laboratory, 1 Cyclotron Road, Berkeley CA 94720	US
UCLA	University of California — Los Angeles : 405 Hilgard Avenue, Los Angeles, CA 90024	US
UCS	University College of Swansea : Singleton Park, Swansea SA2 8PP	UK
UIT (IUT)	Union Internationale des Télécommunications : 2 rue de Varembe, CH-1211 Geneva 20	CH
UN	University of Nagoya : Department of Chemical Engineering, Chikusa-Ku, Nagoya 464	JA
UOT	University of Tokyo : Research Center for Advanced Science and Technology, 4-6-1 Komba, Meguro-ku, Tokyo 153	JA
URSI	Union Radio Scientifique Internationale : Avenue A. Lancaster 32, B-1180 Bruxelles. Tel. 02 374 13 08	BE

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USGS	US Geological Survey : National Center, M/S 917, 12201 Sunrise Valley Drive, Reston, VA 22092	US
VDE	Verband Deutscher Elektrotechniker : Zentralstelle Tagungen, Stresemannallee 15, D-6000 Frankfurt-am-Main 70. Tel. (069) 630 8202 Ext. 321	GE
VKI	Von Kármán Institute for Fluid Dynamics : Chaussée de Waterloo 72, B-1640 Rhode St Genèse. Tel. 02.358.19.01	BE
WEC	World Energy Conference : Secretariat: 34 St. James Street, London SW1A 1HD	UK
WFUMB	World Federation for Ultrasound in Medicine and Biology : Secretariat: 4L Portman Mansions, Chiltern Street, London W1M 1LF	UK
WI	Welding Institute : Abington Hall, Abington, Cambridge CB1 6AL. Tel. (0223) 891162	UK

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